

line coming into contact with the other line or wire, or of the other line or wire coming into contact with his line, by breakage or otherwise.

(2) The guarding of aerial lines shall be carried out in such manner as the Local Government, after consultation with the telegraph authority, may, by general or special order, in any case direct.

(3) A licensee shall not commence the supply of energy through any aerial line until it has been guarded and protected, as required by sub-rules (1) and (2), wherever it crosses, or is crossed by, any existing aerial line or telegraph wire.

(4) On receiving notice that a new aerial line or telegraph wire is, or will be, erected across an existing aerial line, the licensee shall arrange to have his line guarded at such place within 15 days of the receipt of the notice, and in such case the actual expense incurred in erecting the guard wires shall be refunded to the licensee by the owner of the new aerial line or telegraph wire.

(5) Where an aerial line crosses, or is liable to be blown on to, a metal roof or other metallic substance, efficient means shall be taken by the licensee to prevent the electrical charging of the same in case of accident; and there shall be no joint in any such span of an aerial line.

30. (1) Except with the written consent of the Local Government, high-pressure and low-pressure aerial lines shall in no case be carried on the same supports, unless when they cross one another.

(2) Whenever a high-pressure aerial line crosses a low-pressure aerial line, it shall pass above the low-pressure aerial line and in a direction as nearly at right angles as the nature of the case admits, and the provisions of rule 29 shall apply.

31. The following precautions shall be taken by the licensee with regard to high-pressure and extra high-pressure aerial lines, namely:—

(a) Arrangements shall be made to prevent any person from climbing up such a support without the use of a ladder or special device.

(b) Where the high-pressure conductors cross over a public road, railway or canal, a suitable device shall be fitted up to render any wire harmless, if it should break.

(c) Stay wires on any such support shall be broken electrically below the line wires by the interposition of suitable strain insulators, unless efficiently connected with earth through a suitable earth-plate.

32. (1) Every high-pressure aerial line, if continuously covered with insulating material, shall be efficiently suspended by means of insulating ligaments to suspending wires, so that the weight of the line may not produce any sensible stress in the direction of its length.

(2) All suspending wires, if of iron or of steel, shall be galvanised.

33. Every aerial line, including the supports thereof and all the structural parts and electrical appliances and devices belonging thereto or connected therewith, shall be duly and efficiently supervised and maintained by the licensee as regards both electrical and mechanical conditions.

34. The licensee shall not leave an aerial line erected after it has ceased to be used for the supply of energy, unless he intends within a reasonable time again to take it into use.

Electric supply-lines and apparatus other than aerial lines.

35. Where an electric supply-line crosses, or is in proximity to, any metallic substance precautions shall be taken by the licensee against the possibility of the metallic substance becoming charged.

36. Where isolated lengths of metal conduits, pipes or casings are used for the protection of any electric supply-line at road-crossings or in similar positions, special precautions shall be taken by the licensee to prevent the possibility of any electrical charging thereof.

37. (1) Where the conductors of electric supply-lines placed in any conduit are not continuously covered with insulating material, they shall be secured in position, and no unfixed uninsulated material of a conducting nature shall be contained in the conduit, nor shall the pressure in such conductor be higher than 500 volts.

(2) Adequate precautions shall also be taken by the licensee to ensure that no accumulation of gas or water shall take place in any part of the conduit, and to prevent any dangerous access of moisture to the conductors or insulators.

(3) The insulators shall be so disposed that they can be readily inspected.

(4) The restriction in sub-rule (1) as to pressure shall not apply where an aerial line is taken into a conduit for the purpose of passing through an embankment or similar obstruction, but in such a case no low-pressure conductor may be laid in the same conduit with a high-pressure or extra high-pressure one.

38. Every portion of a high-pressure electric supply-line (not being an aerial line) placed above the surface of the ground or in any sub-way not in the sole occupation of the undertakers, shall be completely enclosed either in a tube of highly insulating material embedded in brickwork, masonry, or concrete, or in a strong metal casing efficiently connected with earth.

39. Where a high-pressure electric supply-line is laid beneath the surface of the ground, efficient means shall be taken by the licensee to render it impossible that the surface of the ground or any neighbouring electric supply-line or conductor shall become charged by leakage therefrom.

40. (1) Transforming stations which are not on a consumer's premises, shall be established in suitable places in the sole occupation and charge of the licensee.

(2) The covers and frames and other metallic parts (other than parts of the electrical circuit) of all high-pressure and extra high-pressure apparatus of every description shall be either efficiently connected with earth, or, if insulated, so placed and arranged that it is impossible for any person to obtain a shock to earth from them.

41. (1) The cover of every street-box and junction pillar shall be so secured that it cannot be opened except by means of a special appliance.

(2) The covers of all street-boxes and junction pillars containing high-pressure apparatus other than cables shall be connected with strips of metal laid immediately beneath the adjacent roadway, and efficient means shall be taken to render it impossible that the covers or other exposed parts of any such street-box, or any adjacent material forming the surface of the street, shall become electrically charged, whether by reason of leakage, defect or otherwise.

(3) Where street-boxes are used as transformer chambers, reasonable means shall be taken by the licensee to prevent, as far as possible, any influx of water either from the adjacent soil or by means of pipes, and, in the case of any such street-box exceeding one cubic yard in capacity, ample provision shall be made, by ventilation or otherwise, for the immediate escape of any gas which may by accident have obtained access to the street-box and for the prevention of danger from sparking.

(4) Every street-box shall be regularly inspected for the presence of gas, and, if any influx or accumulation is discovered, the licensee shall give immediate notice to the authority or company (if any) whose gas mains are laid in the neighbourhood thereof.

Licensees' lines on consumer's premises.

42. The licensee shall be responsible that all electric conductors, fittings, and apparatus belonging to him, or under his control, which may be upon a consumer's premises, are maintained in a safe condition and in all respects fit for supplying energy.

43. (1) A suitable cut-out shall be inserted in each service line within a consumer's premises (not being the neutral wire of a multiple wire system), as close as possible to the point of entry and contained within a suitable locked or sealed receptacle of fireproof construction throughout, and shall be under the sole control of the licensee, except in cases where the service line is protected by fuses at the point of connection with the distributing main.

(2) If the receptacle is of porcelain or some other substance liable to be easily broken, it shall be suitably protected against injury, and such protection shall also be fireproof.

44. So much of any service line as is not an aerial line and is placed on a consumer's premises shall be highly insulated and enclosed either in an electrically continuous metallic covering efficiently connected with earth or in a tube of porcelain or earthenware.

45. Where the general supply of energy is a high-pressure supply and transforming apparatus is installed on a consumer's premises, the whole of the high-pressure service lines, conductors, and apparatus, including the transform-

ing apparatus itself, so far as they are on the consumer's premises, shall be completely enclosed in solid walls or in a strong metal casing efficiently connected with earth, and shall be securely fastened throughout.

46. The licensee shall not connect the wires and fittings on a consumer's premises with his mains unless he is reasonably satisfied that the connection will not cause a leakage from those wires and fittings exceeding one five-thousandth part of the maximum supply current to the consumer's premises; and, where the licensee declines to make such a connection, he shall serve upon the consumer a notice stating his reasons for so declining.

47. (1) If the licensee is reasonably satisfied, after making all proper examination by testing or otherwise, that a leakage exists at some part of a circuit of such extent as to be a source of danger, and that such leakage does not exist at any part of a circuit belonging to the licensee, then any person authorized in writing by the licensee in accordance with the provisions of the Act in this behalf, or, on the application of the licensee, an Electric Inspector appointed under the Act may, for the purpose of discovering whether the leakage exists at any part of a circuit within or upon any consumer's premises, after giving the consumer reasonable notice in writing, inspect and test the wires and fittings belonging to the consumer and forming part of the circuit.

(2) Where the licensee obtains the services of an Electric Inspector under this rule, he shall pay such fee as the Local Government may fix in this behalf.

(3) If, on testing in the manner referred to in sub-rule (1), the person authorized by the licensee or the Electric Inspector as aforesaid discovers a leakage from the consumer's wires exceeding one five-thousandth part of the maximum supply current to the premises, or if the consumer does not give all reasonable facilities for inspection and testing, the licensee may forthwith discontinue the supply of energy to the premises in question, giving immediate notice of the discontinuance to the consumer, and need not recommence the supply until he is reasonably satisfied that the leakage has been stopped.

48. (1) Where a consumer is dissatisfied with the action of a licensee in refusing to give, or in discontinuing, or in not recommending, the supply of energy to his premises, the wires and fittings of such consumer may, on his application and on payment of such fee as the Local Government may fix in this behalf, be tested for the existence of leakage by an Electric Inspector appointed under the Act.

(2) This rule shall be endorsed on every notice given under the provisions of rule 46 or rule 47.

Arc lighting.

49. An isolation switch shall be provided for every arc lamp connected with any high-pressure electric supply-line, and the switch shall be of such pattern and construction as will provide—

- (a) that the lamp can by its means be entirely disconnected from the supply circuit;
- (b) that the switch itself can be safely worked in the dark without special precautions;
- (c) that there shall be no danger of any injurious electrical arcing, sparking, or heating being caused by the operation of the switch; and
- (d) that, where the switch is accessible without the use of a ladder or special appliance, it shall be in a locked metallic receptacle efficiently connected with earth.

AS TO ELECTRIC TRACTION (CONTINUOUS CURRENT).

50. Every dynamo used as a continuous current generator shall be of such pattern and construction as to be capable of producing a continuous current without appreciable pulsation.

51. (1) One of the two conductors used for transmitting energy from the generator to the motor (hereinafter referred to as a "line") shall in every case be insulated from earth.

(2) The other conductor (hereinafter referred to as a "return") may be insulated throughout, or may be uninsulated in such parts and to such extent as is provided in the following rules.

(3) A suspended aerial line from which energy is transmitted into a car, is hereinafter referred to as a "trolley wire."

52. (1) Where any rails on which cars run, or any conductors laid between or within three feet of such rails, form any part of a return, such part may be uninsulated.

(2) All other returns or parts of a return shall be insulated, unless of such sectional area as will ensure compliance with rule 56.

53. (1) Where an uninsulated conductor forms any part of a return, it shall be ■
Bonding of return. such section, and the several lengths shall be so connected together, as to ensure compliance with rule 56.

(2) Where an uninsulated conductor is laid between, or within three feet of, the rails, it shall be electrically connected with the rails at distances apart not exceeding 100 feet by means of copper strips having a sectional area of at least one-sixteenth of a square inch, or by other means of equal conductivity.

54. (1) Where any part of a return is uninsulated, it shall be connected with the negative terminal of the generator, and in such case the negative terminal of the generator shall also be directly connected, through the current indicator hereinafter mentioned, with two separate earth connections, which shall be placed not less than twenty yards apart:

Return to be negative and earthed. Provided that, in lieu of two such earth connections, the licensee may make one connection with a main for water supply of not less than three inches internal diameter, with the consent of the owner of the main and of the person supplying the water:

Provided, also, that, where, from the nature of the soil or for any other reason, the licensee can show, to the satisfaction of an Electric Inspector appointed under the Act, that such earth connections as are required by this sub-rule cannot be constructed and maintained without unreasonable expense, the provisions of this rule shall not apply.

(2) The earth connections required by sub-rule (1) shall be constructed, laid, and maintained so as to secure electrical contact with the general mass of earth, and so that the resistance from one earth connection to the other through the earth shall not exceed two ohms; and a test shall be made by the licensee at least once in every month to ascertain whether this requirement is complied with.

(3) No portion of either earth connection shall be placed within six feet of any pipe, other than a main for water-supply of not less than three inches internal diameter which is metallically connected with the earth connections with the consent of the owner of the main and of the person supplying the water.

(4) Where the generator is at a considerable distance from the tramway, the uninsulated return shall be connected with the negative terminal of the generator by means of an insulated return, and the generator shall have no other connection with earth; and in such case the end of the insulated return connected with the uninsulated return shall be connected also through a current indicator with two separate earth connections or, with the necessary consents, with a main for water supply, or, with the like consents, with both in the manner prescribed in this rule.

(5) If the current-indicator cannot conveniently be placed at the connection of the uninsulated return with the insulated return, this instrument may consist of an indicator at the generating station connected by insulated wires with the terminals of a resistance interposed between the return and the earth connection or connections. The said resistance shall be such that the maximum current laid down in rule 55, sub-rule (1), clause (1), shall produce a difference of potential not exceeding one volt between the terminals. The indicator shall be so constructed as to indicate correctly the current passing through the resistance when connected with the terminal by the insulated wire above-mentioned.

55. (1) Where the return is partly or entirely uninsulated, the licensee shall, in the construction and maintenance of a tramway,—
Earth return current.

(a) so separate the uninsulated return from the general mass of earth and from any pipe, metallic structure or substance in the vicinity,

(b) so connect together the several lengths of the rail,

(c) adopt such means for reducing the difference produced by the current between the potential of the uninsulated return at any one point and the potential of the uninsulated return at any other point, and

(d) so maintain the efficiency of the earth connections specified in the preceding rules,

as to fulfil the following conditions, namely:—

(i) the current passing from the earth connections through the indicator to the generator, or through the resistance to the insulated return, shall not at any time exceed either two amperes per mile of single tramway line or 5 per cent. of the total current output of the station; and

(ii) the difference of potential between the uninsulated return and any pipe, metallic structure, or substance in the vicinity shall not exceed five volts, when the return is relatively positive, or two volts, when the return is relatively negative.

(2) In order to provide a continuous indication that the condition specified in sub-rule (1), clause (1), is complied with, the licensee shall provide a suitable recording amperemeter, and shall keep it connected during the whole time that the line is charged.

(3) The owner of any pipe, metallic structure or substance in the vicinity of an uninsulated return may, in respect of the same, require the licensee at reasonable times and intervals to ascertain by test in his presence, or in that of his representative, whether the condition specified in sub-rule (1), clause (ii), is complied with; and, if such condition as aforesaid is found to be complied with, all reasonable expenses of and incidental to the carrying out of the test shall be borne by the owner, but if otherwise, by the licensee.

56. (1) Where the return is partly or entirely uninsulated, a continuous record shall be kept by the licensee of the difference of potential during the working of the tramway between the points of the uninsulated return furthest from and nearest to the generating station.

(2) If at any time the difference of potential is found to exceed five volts, the licensee shall thereafter make a daily report to the Local Government, or to such officer as the Local Government may appoint in this behalf, of the result of the previous day's test, and, if at any time it exceeds the limit of seven volts, the licensee shall take immediate steps to reduce it below that limit:

Provided that the Local Government may, in its discretion, relax the provisions of this rule in localities where it may consider it unnecessary strictly to enforce them.

57. Except with the written approval of the Local Government, the line wire shall be divided up into sections not exceeding one mile in length, between every two of which there shall be inserted an emergency switch, so enclosed as to be inaccessible to the public.

58. (1) The insulation of the line and of the return when insulated, and of all feeders and other conductors, shall be so maintained that the leakage current shall not exceed one-hundredth of an ampere per mile of tramway.

(2) The leakage current shall be ascertained daily by the licensee before or after the hours of running when the line is fully charged.

(3) If at any time it is found that the leakage current exceeds one-half of an ampere per mile of tramway, the leak shall be localised and removed as soon as practicable, and the running of the cars shall be stopped unless the leak is localised and removed within twenty-four hours:

Provided that this rule shall not apply where both line and return are placed within a conduit.

59. In the construction and working of the cars care shall be taken to provide for as gradual variation of the current as is practicable.

60. (1) The licensee shall, so far as may be applicable to his system of working, keep the following records, namely:—

Daily records.

Number of cars running.

Maximum working current.

Maximum working pressure.

Maximum current from the earth connections, as prescribed by rule 55, sub-rule (1), clause (i).

Leakage current, as prescribed by rule 58, sub-rule (1), and rule 68, clause (d).

Monthly record.

Condition of earth connections as prescribed by rule 54, sub-rule (2).

Occasional records.

Any tests made under the provisions of rule 55, sub-rule (3).

Daily fall of potential in return when required by rule 56.

Localization and removal of leakage, together with time occupied.

Particulars of any abnormal occurrence affecting the electric working of the tramway.

(2) These records shall, if and when required, be forwarded for the information of an Electric Inspector appointed under the Act.

61. Passengers shall not have access to any portion of the electric circuit having a greater difference of potential to earth than 100 volts.

62. Every electric main, lead, or connection used in or upon a car shall be of ample size and thoroughly insulated and protected by cut-outs which will operate to break the circuit before the current has risen to an amount likely to cause any injurious

heating of the conductors, and the length of every safety fuse in the clear shall be not less than two inches, unless an automatic device is provided for interrupting the arc.

63. Every electrical conductor fixed upon a car shall be protected wherever it is adjacent to any metal, so as to avoid risk of the metal becoming charged.

Conductors on cars.

64. Every collector standard which is accessible to passengers in a car shall be electrically connected with the wheels of the car in such manner as to prevent the possibility of the standard becoming electrically charged from any defect in the electrical conductors contained within it.

Collector standards.

65. Unless the Local Government otherwise directs,—

(a) the trolley wire shall nowhere be at a less height from the surface of the street than 17 feet, except where it passes under a bridge or other fixed structure, in which case it shall be suspended to the satisfaction of an Electric Inspector appointed under the Act; and

Height of conductors.

(b) the intervals between the supports shall not exceed 120 feet.

66. Where the feeders of a tramway are on the same supports as the trolley wire, the provisions of rule 25 shall not apply.

Height of feeders.

67. An emergency cut-off switch shall be provided and fixed so as to be conveniently reached by the driver in case of any failure of action of the controller switch.

Emergency cut-off switch.

68. Where a conduit system of electric traction is employed, the following conditions shall be complied with in the construction and maintenance of such conduit, namely:—

Conduit system.

(a) The conduit shall be so constructed—

(i) as to admit of easy examination of, and access to, the conductors contained therein and their insulators and supports;

(ii) as to be readily cleared of accumulation of dust or other debris, no such accumulation being permitted by the licensee to remain.

(b) The conduit shall be laid to such falls and so connected to sumps or other means of drainage as to clear itself automatically of water without danger of the water reaching the level of the conductors.

(c) Where the conduit is formed of metal, all separate lengths shall be so jointed as to secure efficient metallic continuity for the passage of electric currents; and, where the rails are used to form any part of the return, they shall be electrically connected to the conduit by means of copper strips having a sectional area of at least one-sixteenth of a square inch or other means of equal conductivity, at distances not exceeding 100 feet; and where the return is wholly insulated and contained within the conduit, the conduit shall be connected with earth at the generating station through an instrument suitable for the indication of any contact or partial contact of either the line or the return with the conduit.

(d) The leakage-current shall be ascertained by the licensee daily, before or after the hours of running, when the line is fully charged; and, if at any time it is found to exceed one ampere per mile of tramway, the leak shall be localised and removed as soon as practicable, and the running of the cars shall be stopped, unless the leak is localised and removed within twenty-four hours.

AS TO THE SECURING OF A REGULAR AND SUFFICIENT SUPPLY OF ENERGY BY LICENSEES AND THE TESTING THEREOF.

69. Forty-eight hours at least before a licensee is ready to commence to supply energy through a main, he shall serve a notice upon the local authority and upon the Electric Inspector appointed under the Act of his intention to commence such supply.

70. From the time when a licensee commences to supply energy through a main, he shall, subject to the provisions of his license in this behalf, maintain a supply of sufficient power for the use of all the consumers for the time being entitled to be supplied from such main; and such supply shall, except in so far as may from time to time be otherwise agreed upon between the local authority and the licensee, be constantly maintained:

Provided that, for the purpose of testing or for any other purpose connected with the efficient working of the undertaking, the Local Government, or such person as it may

appoint in this behalf, may give permission to the licensee to discontinue the supply at such intervals of time and for such periods as it may think expedient :

Provided, also, that, when the supply is to be so discontinued, notice of such discontinuance and of the probable duration thereof shall be previously served upon the local authority and upon every consumer likely to be affected thereby.

71. The system of distributing mains shall be so arranged that, if in any case it becomes necessary to discontinue the supply through any portion of a main for more than one hour for the purposes of repairs or for any other reason, the discontinuance shall in no case extend to more than one hundred service lines.

72. Before commencing to supply energy to a consumer, the licensee shall declare to the consumer the constant pressure at which he proposes to supply energy at the consumer's terminals, and the pressure so declared at any pair of the consumer's terminals shall not at any time be altered or departed from, except with the written consent of the Local Government or of the consumer :

Declared pressure at consumer's terminals and authorized variation of the same.

Provided that the licensee shall be deemed to have complied with the requirements of this rule so long as the variation of pressure at the consumer's terminals does not, under any conditions of the supply which the consumer is entitled to receive, exceed 4 per cent. from the declared constant pressure, unless changes in pressure recur so frequently as to cause unsteadiness in the supply.

AS TO THE PREPARATION AND SUBMISSION OF ACCOUNTS AND USE OF CERTAIN FORMS BY LICENSEES.

73. Accounts of every undertaking shall be made up to the 31st December or the 31st March, at the option of the licensee, who shall prepare and render an annual statement of them to the Local Government within a period of six months from such date as aforesaid.

74. The accounts shall be made up in one or other of the forms set forth in the annexures to these Rules, according as the licensee is or is not a local authority, and according as the supply is for traction or for any other purpose.

75. After rendering the annual statement of accounts to the Local Government, the licensee shall keep copies of the same, together with the report made by the auditor appointed under the Act or such portion of the report as the Local Government may in any case direct, and shall sell copies of the same to any applicant at a price not exceeding one rupee per copy.

76. Requisitions made under clause VIII, sub-clause (4), or clause IX, sub-clause (4), as the case may be, of the schedule to the Act shall be in the appropriate form set forth in the annexures to these Rules.

AS TO THE LEVY OF FEES.

77. The following fees shall be payable to the Local Government in respect of the services of Electric Inspectors appointed under the Act, namely :—

- (a) where any difference or dispute arising under section 30, sub-section (7), of the Act is determined by an Electric Inspector, a fee of Rs. 16 (in addition to the costs as laid down in the Act) ; and,
- (b) where any meter is certified, or any test is carried out other than those laid down herein, a fee of such amount, and payable by such person, as the Local Government may determine.

GENERAL.

78. Any licensee who commits a breach of these rules shall be punishable for every such breach with fine which may extend to Rs. 100, and, in the case of a continuing breach, with a further fine which may extend to Rs. 50 for every day after the first during which he is convicted of having persisted in the breach.

79. Where a consumer, in any factory or other such place as is described in section 31 of the Act, uses at a pressure exceeding 130 volts energy supplied to him by a licensee, he shall be bound by the following rules in the same manner as if the energy were not supplied by a licensee.

RULES AS TO THE USE OF ENERGY NOT SUPPLIED UNDER PART II OF THE ACT.

PRELIMINARY.

80. In the following rules, unless there is anything repugnant in the subject or context,—

Further definitions.

(a) the expressions "low-pressure," "high-pressure," and "extra high-pressure" are used in relation to electric supply-lines, conductors, circuits, and apparatus according to the conditions of the supply delivered through the same or particular portions thereof; that is to say, —

(i) where the conditions of the supply are such that the pressure may at any time exceed 600 volts, if continuous, or 300 volts, if alternating, but cannot exceed 3,000 volts, whether continuous or alternating, the supply shall be deemed to be a "high-pressure supply;"

(ii) where the conditions of the supply are such that the pressure may, on either system, exceed 3,000 volts, the supply shall be deemed to be an "extra high-pressure supply;" and

(b) the expression "the owner" means any person, other than a licensee, generating or using energy at a pressure exceeding 130 volts.

AS TO THE PROTECTION OF PERSONS AND PROPERTY.

Inspection and testing.

81. (1) When notice has been given by any person under section 31 of the Act the District Magistrate or, in a Presidency-town, the Commissioner of Police, shall forthwith report the circumstance to the Local Government, and thereupon any Electric Inspector appointed under the Act may enter, inspect, and examine any place in which he has reason to believe that there is any appliance or apparatus used in the generation or use of electricity.

(2) The owner shall afford at all times all reasonable facilities to any such Inspector to make such inspections and tests as may be necessary to ensure the due observance of the Act and the following rules, and shall, if and when required, forward to such Inspector all records of tests hereinafter specified to be made and recorded.

82. The pressure of the supply generated by an owner shall not exceed the limits of low-pressure, except with the written approval of the Local Government in each case.

83. The owner shall take reasonable precautions to guard against the liability of any person to shock due to accidental contact with exposed terminals.

84. Where the insulating material on any electric supply-line is protected by an external metallic covering, the metallic covering shall be efficiently connected with earth.

85. In every case in which a high-pressure supply is transformed for the purposes of use, some suitable automatic and quick-acting means shall be provided to protect the low-pressure wires from any accidental contact with, or leakage from, the high-pressure system, either within or without the transforming apparatus.

86. (1) Where any portion of an electric supply-line or any support for an electric supply-line is exposed in such a position as to be liable to injury from lightning, the owner shall adopt efficient means for protecting it against such injury.

(2) Lightning arresters shall be capable of supporting successive discharges without attention.

Aërial lines.

87. The sectional area of the conductor of an aerial line erected by an owner after the commencement of these rules shall, if of copper, be not less than the area of a No. 10 wire of the British Standard Wire Gauge, or, if of any other material, of such sectional area as to be of equivalent tensile strength:

Provided that, where the span is less than 50 feet, a No. 14 wire of the British Standard Wire Gauge may be used.

88. Every continuously insulated aerial line belonging to an owner shall be attached to supports at intervals not exceeding 100 feet.

Span of insulated line.

89. (1) Every support of an aerial line shall be of a durable material firmly erected and, if necessary, properly stayed against forces due to wind pressure, change of direction of the line or unequal lengths of span.
Construction and erection of supports.

(2) Every post, if of metal, shall be efficiently connected with earth.

90. (1) No part of an aerial line shall be at a less height from the ground than 15 feet:
Height from ground and inaccessibility.

Provided that the Local Government may, by order in writing, permit any modification of this sub-rule which it may consider necessary.

(2) Every aerial line shall be so erected as to be inaccessible except by the use of a ladder or other special appliance.

91. Where a metallic roof is crossed by an aerial line, the roof shall be efficiently connected with earth.
Crossing metal roof.

Electric supply-lines other than aerial lines.

92. Where an electric supply-line crosses, or is in proximity to, any metallic substance, precautions shall be taken by the owner against the possibility of the metallic substance becoming charged.
Crossing pipes, etc.

93. Every portion of a high-pressure electric supply-line (not being an aerial line) placed above the surface of the ground shall be completely enclosed, either in a tube of highly insulating material embedded in brickwork, masonry, or concrete, or in a strong metal casing efficiently connected with earth.
High-pressure electric supply-lines laid above ground.

94. Where a high-pressure electric supply-line is laid beneath the surface of the ground, efficient means shall be taken by the owner to render it impossible that the surface of the ground or any neighbouring electric supply-line or conductor shall become charged by leakage therefrom.
High-pressure electric supply-lines laid under ground.

Circuits within buildings.

95. The owner shall maintain all electric conductors, fittings and apparatus belonging to him or under his control, which may be in use upon his premises, in a safe condition and in all respects fit for the use of energy and shall take all due precautions against fire.
Responsibility of owners for their conductors, etc.

96. A suitable cut-out shall be inserted in each main or branch circuit upon the owner's premises (not being the neutral wire of a multiple wire system) at the point of origin of the same.
Fuses or disconnectors to be provided on all circuits.

97. The covers and frames and other metallic parts (other than parts of the electrical circuit) of all high-pressure apparatus of every description shall be either efficiently connected with earth or, if insulated, so placed and arranged that it is impossible for any person to obtain a shock to earth from them.
High-pressure apparatus.

98. An isolation switch shall be provided for every arc lamp connected with any high-pressure electric supply-line, and the switch shall be of such pattern and construction as will provide—
Isolation switch.

(a) that the lamp can by its means be entirely disconnected from the supply circuit ;
(b) that the switch itself can be safely worked in the dark without special precautions ;

(c) that there shall be no danger of any injurious electrical arcing, sparking, or heating being caused by the operation of the switch ; and

(d) that, where the switch is accessible without the use of a ladder or special appliance, it shall be in a locked metallic receptacle efficiently connected with earth.

99. Every installation to which rules 81 to 98 apply, shall be duly and efficiently supervised and maintained by the owner so as to comply with the said rules.
Maintenance.

AS TO THE LEVY OF FEES.

100. The following further fees shall be payable to the Local Government in respect of the services of Electric Inspectors appointed under this Act, namely :—
Levy of fees.

(a) where any works belonging to an owner are tested or inspected, a fee, payable by such owner, of one rupee for every kilowatt of his electrical plant

capacity, or, where the power is supplied by a licensee, of the consumer's specified maximum power subject to a minimum of Rs. 16 and a maximum of Rs. 200; and,

(d) where any meter is certified, or any test is carried out or work done other than that laid down in clause (a), a fee of such amount, and payable by such person, as the Local Government may determine:

Provided that the Local Government may, if it thinks fit, remit any such fee or any portion thereof.

101. Any owner who commits any breach of rules 81 to 99, shall be punishable, for every such breach, with fine which may extend to Rs. 100, and, in the case of a continuing breach, with a further daily fine which may extend to Rs. 50 for every day after the first during which he is convicted of having persisted in the breach.

ANNEXURES.

(See rule 74.)

FORMS OF ACCOUNTS FOR LOCAL AUTHORITIES

ELECTRIC LICENSE.

THE _____

Revenue Account.

*Enter date
of local

No. III.

Dr.

For the year ending 31st December, 190.
31st March, 190.

	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs.
<i>A—To generation of electricity.</i>			1. By balance from last account.		
1. To coals or other fuel, including dues, carriage, unloading, storing and all expenses of placing the same on the works			Less bad debts written off.		
2. To oil, waste, water and engine-room stores.			2. By sale of current for lighting purposes, by meter at _____ per B. T. U.		
3. To wages at generating stations.			3. By sale of current for power purposes, by meter at _____ per B. T. U.		
4. To repairs and maintenance as follows:—			4. By sale under contracts		
Rs. A. P.			5. By public lighting ...		
Buildings ...			6. By rental of meters and other apparatus on consumers' premises.		
Engines, boilers			7. By sale and repairs of lamps, arc or incandescent.		
Dynamos, excitors, transformers, motors, etc.			By sale and repairs of other apparatus.		
Other machinery, instruments, and tools.			8. By royalties, licenses, etc.		
Accumulators and accessories.			9. By rents receivable ...		
Less received for old materials.			10. By fees for inspection of maps.		
5. To other items (to be specified).			11. By other items (to be specified).		
<i>B—To distribution of electricity.</i>					
1. To wages and other remuneration to linesmen, fitters, labourers.					
2. To repairs, maintenance, and renewals of mains of all classes, including materials and laying the same.					
Less amounts refunded.					
Carried over ...			Total ...		

III—contd.

Revenue Account—contd.

CR.

	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Brought forward ...				
<i>B.—To distribution of electricity—concd.</i>				
To repairs, maintenance, and renewal of transformers, meters, switches, fuses, and other apparatus, on consumers' premises, together with cost of materials and lamps sold as per contra.				
To repairs, maintenance, and renewals of apparatus at distributing stations.				
<i>C.—To public lamps.</i>				
To attending and repairs				
To renewals of lamps ...				
<i>D.—To royalties, etc.</i>				
To royalties, etc., payable for use of patents or patent processes.				
<i>E.—To rents, rates, and taxes.</i>				
To rents payable ...				
To rates and taxes ...				
<i>F.—To management expenses.</i>				
To salaries, viz. :—				
Engineer's Department.				
Accountant and clerical staff.				
To salaries or commissions of Collectors.				
To stationery and printing.				
To general establishment charges.				
<i>G.—To Law Charges.</i>				
To law expenses ...				
<i>H.—To special charges.</i>				
To insurances, etc. ...				
To expenses for certification of meters.				
Total expenditure ...				
Amount carried to net revenue account.				
Balance carried to next account to provide for bad debts.				
Total ...				

No. IV.

Dr.

Net Revenue Account.

Cr.

	Rs. A. P.		Rs. A. P.
1. To interest on mortgage debt accrued due to date.		1. By balance from last account.	
2. To instalments of principal of money borrowed.		2. By balance brought from revenue account (No. III).	
3. To amount transferred to sinking fund where such fund is authorized.		3. By interest on money at deposit.	
4. To expenses of executing the license not included in III and not chargeable to capital.			
5. To payments to reserve fund where such is authorized by the license.			
6. To sum applied to local rate.			
To balance carried forward.			
Rs.		Rs.	

No. V.

Dr.

Sinking Fund Account.

	Stock.	Rs. A. P.		Stock.	Rs. A. P.
1. To amount paid for purchase of (nature of investment to be specified.)			1. By balance brought from last account.		
2. To stock sold during period of account.			2. By amount brought from net revenue account.		
3. To amount of principal of borrowed money repaid.			3. By interest on investment		
To amount of balance to next account.			4. By value of lands transferred from Account II.		
			5. By amount realised by sale of stock (nature of stock to be specified).		
			6. By stock purchased.		
Rs.			Rs.		

Reserve Fund Account.

CR.

	Stock.	Rs. A. P.		Stock.	Rs. A. P.
Amount paid for purchase of (nature of investment to be specified.)			1. By balance brought from last account,		
Stock sold ...			2. By amount transferred from net revenue account,		
Amount transferred to revenue account.			3. By stock purchased ...		
Amount of balance to next account.			4. By amount realised by sale of stock (nature of stock to be specified).		
Rs.			Rs.		

No. VII.

DR.

General Balance Sheet.

CR.

Liabilities.	Rs. A. P.	Assets.	Rs. A. P.
1. To capital account: ... Amount received as per Account No. II.		1. By capital account: ... Amount expended for works as per account No. II. Rs. A. P.	
2. To sundry creditors ...		2. By stores on hand at end of the year:— Coal ... Oils, waste, etc. ... General ...	
3. To net revenue account: Balance at credit thereof.		3. By sundry debtors for current supplied to end of the year.	
4. To sinking fund account ...		4. By other debtors ...	
5. To reserve fund account ...		5. By securities as held (cost price.)	
6. To other items (to be specified)		6. By other items (to be specified.)	
		7. By cash with treasurer ...	
		8. By cash in hand ...	
Total ...		Total ...	

No. VIII.

Statement of Electricity generated, sold, etc.

Quantity generated in B. T. units.	QUANTITY SOLD.					Quantity used on works.	Quantity not accounted for.	Total quantity accounted for.	Number of public lamps.	Total quantity not accounted for.
	Public lamps.	By contract.	To consumers by meter for lighting purposes.	To consumers by meter for power purposes.	Total sold.					

FORMS OF ACCOUNTS FOR COMPANIES.

ELECTRIC LICENSE.

Enter designation of Company.

THE

*COMPANY.

For the year ending $\frac{31st\ December,\ 1934}{31st\ March,\ 1935}$

Statement of share capital appropriated for the purposes of the undertaking authorized by the above license at the end of the year.

No. I.

Description of Capital.	Authorized by.	Number of shares issued.	Nominal amount of share.	Called up per share.	Total paid-up.	Issued not paid-up.	Remaining unissued.	Total

Statement of loan capital appropriated for the purposes of the undertaking authorized by the above license at the end of the year.

No. II.

Description of loan.	AMOUNTS BORROWED.				Remaining borrowing power.	Total amount of borrowing powers.	
	At per cent.	At per cent.	At per cent.	Total.			

Total Share Capital Paid-up, see No. I. . Rs.
 " Loan " Borrowed, see No. II. . Rs.
 Total Capital received . Rs.

III.

Capital Account.

For the year ending ^{31st December, 1903}
_{31st March, 1904}

CR.

	Expendi- ture up to end of pre- vious year.	Expended during the year.	Total expenditure to		Receipts up to end of previous year.	Received during year.	Total receipts to
	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.
Expenditure to end of previous year.							
Expenditure since that date—				By ordinary shares of Rs.			
To lands including law charges inci- dental to acquisi- tion.				Ditto.			
To buildings . . .				By preference shares of Rs.			
To machinery . . .				By debenture stock .			
To accumulators at generating and distributing sta- tions.				By mortgages and bonds.			
To mains, including cost of laying the mains.				By amounts received in anticipation of calls.			
To transformers, mo- tors, etc. . .				By sale of patents or patent rights, etc.			
To meters, and fees for certifying under the Act.				By other receipts (to be specified).			
To electrical instru- ments, etc.							
To general stores (cable, mains, lamps).							
To purchase of patents or patent rights.							
To cost of license .							
To special items .							
Total expenditure .							
Balance of Capital Account.							
		Rs.		Rs.			

No. IV.

Revenue Account.

Dr.

For the year ending ^{31st December, 1905}
_{31st March, 1906}

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A.
A.—To generation of Electricity.					
1. To coals or other fuel, including dues, carriage, unloading, storing and all expenses of placing the same on the works.			1. By sale of current for lighting purposes by meter at per B. T. U.		
2. To oil, waste, water, and engine-room stores.			2. By sale of current for power purposes by meter at per B. T. U.		
3. To proportion of salaries of engineers, superintendents, and officers, as certified by the • Managing Director, Chairman, or Engineer.			3. By sale under contracts		
4. To wages and gratuities at generating stations.			4. By public lighting		
5. To repairs and maintenance as follows:—			5. By rental of meter and other apparatus on consumers' premises.		
Rs. A. P.			6. By sale and repair of lamps, arc or incandescent.		
Buildings			By sale and repair of other apparatus.		
Engines, boilers			7. By royalties, licenses, etc.		
Dynamos, exciters, transformers, motors, etc.			8. By rents receivable		
Other machinery, instruments and tools.			9. By transfer fees		
Accumulators and accessories.			10. By other items (to be specified).		
To special items					
B.—To distribution of Electricity.					
1. To proportion of salaries of superintendents and officers, as certified by Managing Director, Managing Agents, Chairman or Engineer.					
2. To wages and gratuities to linesmen fitters, labourers.					
3. To repairs, maintenance, and renewals of mains of all classes, including materials and laying the same.					
Less amounts refunded					
4. To repairs, maintenance, and renewal of transformers, meters, switches, fuses, and other apparatus on consumers' premises.					
5. To repairs, maintenance, and renewals of apparatus at distributing stations.					

—continued.

Revenue Account—contd.

— CR.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
<i>To Public Lamps.</i>					
Attending and repairs renewals of lamps					
<i>To Royalties, etc.</i>					
Royalties, etc., payable for use of patents or patent processes.					
<i>To Rents, Rates, and Taxes.</i>					
Rents payable Rates and taxes					
<i>Management Expenses.</i>					
Directors' remunera- tion.					
Salaries of managing engineers, secretary, accountants, clerks, messengers, as certified by Managing Director, Chairman or Engineer.					
Salaries or commissions of Collectors.					
Stationery and print- ing.					
General establishment charges.					
Auditors of Company .					
Auditor appointed under the provisions of the Act.					
<i>To Law Charges.</i>					
Expenses.					
<i>To Depreciation.</i>					
Depreciation in respect of leasehold works.					
Ditto buildings					
Ditto plants, machi- nery, etc.					
<i>To Special charges.</i>					
Insurances, superannua- tion, etc.					
Expenses for certifica- tion of meters.					
Total expenditure					
Carried to net revenue					
	Rs.			R	

No. V.

DR.

Net Revenue Account.

CR.

	Rs. A. P.		Rs. A. P.	Rs. A. P.	Rs. A. P.
1. To interest on debentures accrued due to date.		1. By balance from last account.			
2. To interest on mortgages and bonds accrued due to date.		Less dividend paid.			
3. To interest on temporary loans accrued due to date.		By amount carried to reserve fund.			
4. To dividend on preference stocks.		2. By balance brought from revenue account (No. IV).			
5. To balance applicable to dividend on ordinary stock or shares.		3. By interest on money at Deposit.			
Rs.			Rs.		

No. VI.

DR.

Reserve Fund Account.

CR.

	Rs. A. P.		Rs. A. P.
1. Amount paid out for		1. By balance brought from last account.	
2. Amount of balance to next account.		2. By amount brought from net revenue account.	
		3. By interest on amount invested.	
		(Description of investments to be specified.)	
Rs.		Rs.	

No. VII.

DR.

Depreciation Fund Account.

CR.

	Rs. A. P.		Rs. A. P.
1. To balance		1. By balance from last account.	
		2. By interest on investments	
		3. By amount brought from revenue account (see No. IV—H).	
		(Description of investments to be specified.)	
	Rs.		Rs.

No. VIII.

DR.

General Balance Sheet.

CR.

	Rs. A. P.		Rs. A. P.
<i>Liabilities.</i>		<i>Assets.</i>	
1. To capital account: amount received as per Account No. III.		1. By capital accounts: amount expended for works as per Account No. III.	
2. To sundry tradesmen and others, due on construction of plant and machinery, fuel, stores, etc., to end of year.		2. By stores on hand at end of the year:—	
3. To sundry creditors on open accounts.			Rs. A. P.
4. To net revenue account: balance at credit thereof.		Coal	
5. To reserve fund account: balance at credit thereof.		Oils, waste, etc.	
6. To depreciation fund account.		General	
		3. By sundry debtors for amounts paid on account of contracts in course of completion.	
		4. By preliminary expenses	
		5. By sundry debtors for current supplied to end of year.	
		6. By other debtors	
		7. By cash at bankers:—	
		Messrs.	
		Messrs.	
		Messrs.	
		(amount on deposit)	
		8. By cash in hand	
Total		Total	

No. IX.

Statement of electricity generated, sold, etc.

Quantity generated in H. T. units.	QUANTITY SOLD.					Quantity used on works.	Total quantity accounted for.	Quantity not accounted for.	Number of public lamps.	Total number supply etc.
	Public lamps.	By contract.	To consumers by meter for lighting purposes.	To consumers by meter for power purposes.	Total sold.					

SPECIAL FORMS OF ACCOUNTS FOR ELECTRIC TRAMWAYS.

Description.

A.

Name of undertaking

General History and Description

Date of special Acts or of agreements, licenses, etc.

Owners

Lessees

Worked by

Terms

Description of Track : Gauge

Rails : Weight per yard

" Section

" Average length in feet

Fastenings : Ordinary

Ditto Joint

Sleepers

Foundation

System of working.	LENGTH IN MILES OF					Total of line a + b + c + d + e
	Single line.	Interlaced.	Double.	Sidings other than passing places.	Road or route.	
	a	b	c	d		
Third Rail						
Surface contact						
Conduit						
Overhead						
Accumulators						
Total						

Paving in miles.	Unmade ground.	Macadam.	Cobbles.	Setts.	Soft wood.	Hard wood.	Asphalte.	Bricks.
and 1' 6" outside								
original paving								
remainder of road								

Gradients: Total length, route miles
 Average inclination, 1 in
 Steepest, length, route miles
 " inclination, 1 in
 Curves: Total length, miles—single line
 Average radius, feet
 Sharpest length, feet—single line
 " radius, feet
 Buildings: Description
 Sheds No. ditto
 Halls No. ditto

Engines.	No.	Description.
pressure		
"		
condensing		
non-condensing		
Total		

Motors
 Machinery

	Number.	Weight.	Seating capacity.	Description.
motor-cars				
"				
cars				
Total				
Average				

Other cars and vehicles

Brakes, description of

Maximum load at works

Load factor $\frac{\text{units} \times 100}{\text{maximum load} \times \text{hours}}$

Plant capacity at end of year

	From commencement.	Year ended.	Average.
	A	B	C
Employees: Number			
Ditto Average weekly pay			

	Length.			Cost.		
Renewals (whole).	A	B	C	A	B	C
Rails						
Substructure						
Wire or cable						
Engines						
Cars						
Machinery						

Average of Rails years

Ditto Substructure do.

Ditto Wire or cable do.

Ditto Engines do.

Ditto Cars do.

Ditto Machinery do.

	Total.			Per mile, single line.	
	A	B	C	A	B
B. of T. units consumed					
Car miles run					
Passengers carried (tickets issued)					
Ditto proportion to population served					
Average No. cars run per diem					
Percentage of total number					
Stopping stations, number (including termini).					
Number of stoppages at stations					
Ditto ditto intermediate					
Average through speed of cars					
Mileage of car per diem					
B. of T. units consumed per mile					
Average price of fuel per ton					

Capital.

	Total.			Per mile single line (r).		
	A	B	C	A	B	C
Capital, authorized						
do called up						
do issued						
do expended						
Reserve powers						
Reserve, ordinary						
do preference						
do debentures						
do Mortgages						
Dividends paid						
Reserve, original						
do additional						
Reserve, loans						
do sinking fund						
Cost of building						
do machinery						
do rolling stock						
do horses						
do permanent way						
Total Capital						

Expenditure,

[illegible][illegible]

Expenditure—contd.

Traffic (wages and materials issued)	Per B. O. T. unit	Total			Per mile single line.			Per car	
General Superintendence and offices									
Train staff									
Lighting									
Clothing									
Printing									
Stationery									
Tickets									
Punches									
Collecting and delivery									
Lubricating									
Cleaning									
Miscellaneous									
Total Traffic									

General (wages and materials issued.)	Total			Per mile single line.			Per car	
	A	B	C	A	B	C	A	B
Management (salaries and offices)								
Audit (ditto)								
Stores (ditto)								
Medical (ditto)								
Directors' fees								
Rates and taxes								
Rents (including foreign lines)								
Wayleaves								
Law								
Compensation								
Insurance								
Payments to other lines								
Advertising								
Miscellaneous								
Total General								

Expenditure--cont'd.[illegible][illegible]

Expenditure—*concl.*

Index No.	Result for year ended.	Total.	Per mile single line.	Per mile.
	Balance brought forward { Cash . . . Materials . . .			
C	Total Gross earnings { Cash . . . Materials . . .			
D	Total all expenditure { Cash . . . Materials . . .			
	Balance forward { Cash . . . Materials . . .			

General Results.

	Total.			Per mile single line.			Per car line.	
	A	B	C	A	B	C	A	B
Capital								
Net earnings (C—D)								
" per cent. on Capital								

FORM OF REQUISITION REQUIRED BY CLAUSE VIII (4) OF THE SCHEDULE TO THE ACT.

(See rule 76.)

To

(name of licensee).

In the case of six or more owners or occupiers.

We the undersigned, being owners or occupiers of premises situated in _____ street, situated within the "area of supply" defined in the _____ license 19 , do

In the case of the Local Government or a local authority.

The Government of _____ (The local authority of _____) being charged with the public lighting of _____ street, situated within the area of supply defined in the _____ license 19 ,

hereby require (s) you to provide and lay down, within six months of the date of this requisition, distributing mains for the purpose of general supply throughout the said street*
 * or such part of the street as may be specified.
 in accordance with the terms and conditions laid down in clause VIII of the schedule to the Indian Electricity Act, 1903.

DATED AT _____

The day of 19 .

FORM OF REQUISITION REQUIRED BY CLAUSE IX (4) OF THE SCHEDULE TO THE ACT.

(See rule 76.)

To _____

(name of licensee).

You are hereby requested to provide within _____ weeks of the date of this requisition, supply of electrical energy at the premises _____ being within one hundred yards of your distributing mains and within the "area of supply" laid down in the _____ license 19 , for the following:

_____ 30 watt lamps (3 C. P.)

_____ 60 watt lamps (16 C. P.)

_____ -watt lamps.

_____ fans.

_____ B. H. P. motors.

The wiring work will be carried out by _____

DATED AT _____

The day of

190 .

_____ Signature.

NOTE.—Under clause IX (1) proviso of the schedule to the Indian Electricity Act, 1903, "the cost of so much of any electric supply-line as may be laid for the purposes of the supply upon the property in respect of which the requisition is made, and of so much of any electric supply-line as it may be necessary for the said purposes to lay for a greater distance than one hundred feet from the licensee's distributing main, although not on that property shall, if the licensee so requires, be paid by the owner or occupier making the requisition."

In accordance with the foregoing footnote the licensee makes the following charges :

The ordinary rate for making connections to Consumer's Premises is Rs. _____, to which will be added any wiring necessary from the point of service at the rate of _____ rupee per yard, and for (underground services) a rate of _____ annas per inch for cutting away and making good the wall of the house.

The licensee lays all services in the Street free of charge to a distance of _____ feet from their mains.

SIDNEY PRESTON,

Secretary to the Government of India.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 4, 1903.

Separate paging given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 2nd July 1903.

NOTIFICATIONS.

No. 2126 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 27th June 1903:—

- No. 263 of 1903.—Eugène Crochet, engineer, of 234, Rue de la Loi, Brussels, Belgium. *Improvements in the treatment of textile vegetable fibres.*
- No. 264 of 1903.—Ernest Augustus Collyer, gentleman, of 45, Clarendon road, Lewisham, London, England. *Improvements in or relating to machines for scutching and decorticating fibrous plants, stems, or leaves such as rhea or ramie, hemp, agave or the like.*
- No. 265 of 1903.—Henry Smith Hayling, gentleman, of 12, Acland street, St. Kilda, in the state of Victoria, Commonwealth of Australia. *Improvements in tip waggon mechanism.*
- No. 266 of 1903.—Goode Durrant and Company, Limited, whose registered office is at 27, Milton street, London, England, and trading at London, England, and Adelaide, Australia, and elsewhere, as importers and warehousemen. *An improved water bag filter and cooler combined.*
- No. 267 of 1903.—Alfred Pfaff, accountant, of No. 375, Collins street, Melbourne, in the state of Victoria, Australia. *Method of, or process for, and chemicals to be used in, the treatment of eggs for preserving same.*
- No. 268 of 1903.—Robert G. Campbell, artisan of Greensboro, in the county of Guilford, state of North Carolina, United States of America. *Improvements in and relating to picker-sticks and lug-straps for looms.*
- No. 269 of 1903.—Thomas McLean Park, mining engineer, of Darrington, county of Snohomish, state of Washington, United States of America. *An automatic ore loader.*

No. 2127 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

- No. 464 of 1901.—Robert John Baldrey, a retired officer of the British Public Works and Railway services, in India, and at present residing in Ootacamund, Nilgiris, India. *A grip mono-rail system, to be worked by steam, electricity, or animal power.* (Specification filed 9 March 1903.)
- No. 41 of 1902.—Joseph Lybrand Ferrell, mechanical engineer, of 2218, Race street, in the city of Philadelphia, and state of Pennsylvania, United States of America. *Improvements in wood preserving.* (Specification filed 26 May 1903.)
- No. 428 of 1902.—Robert Henry Cave, indigo planter, of Purneah, Bengal. *Improvements in the process of indigo manufacture.* (Specification filed 18 May 1903.)
- No. 458 of 1902.—The Badische Anilin and Soda Fabrik, of Ludwigshafen-on-Rhine, in the German empire. *The production of indigo in an improved condition for transport, storage, and use.* (Specification filed 23 June 1903.)

No. 195 of 1903.—Mather and Platt, Limited, of Salford Iron Works, Manchester, in the county of Lancaster, England. *Improved apparatus for treating fibres, fabrics, or the like, with bleaching, dyeing, or like liquors.* (Specification filed 19 June 1903.)

No. 196 of 1903. Mather and Platt, Limited, of Salford Iron Works, Manchester, in the county of Lancaster, England. *Apparatus for bleaching, dyeing, washing, and otherwise treating fibres, filaments, and woven fabrics by means of circulating liquids.* (Specification filed 19 June 1903.)

No. 2128 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each :—

No. 24 of 1891.—Samuel Cleland Davidson. *Improvements in stoves or air-heating apparatus.* (From 15 July 1903 to 15 July 1904.)

No. 112 of 1898.—Samuel Cleland Davidson. *Improvements in the construction of trays or sieves of foraminous material.* (From 16 July 1903 to 16 July 1904.)

No. 120 of 1898.—Samuel Cleland Davidson. *Improvements in apparatus for drying tea leaf or other substances.* (From 16 July 1903 to 16 July 1904.)

No. 153 of 1898.—Samuel Cleland Davidson. *Improvements in apparatus for drying tea, coffee, cocoa grain, or other substances.* (From 30 July 1903 to 30 July 1904.)

No. 446 of 1898.—François De Rechter and Gustave De Rechter. *A novel process for the preparation of anatomic, entomologic, and other specimens, whereby preservation when exposed to the air is ensured, and also a durable fixing upon the skin of the hair, feathers, and other external growths.* (From 26 June 1903 to 26 June 1904.)

No. 24 of 1899.—Reginald Belfield. *Improvements in switches for electric circuits.* (From 19 August 1903 to 19 August 1904.)

No. 209 of 1899.—The Westinghouse Brake Company, Limited. *Improvements in buffer and draw bar apparatus.* (From 15 December 1903 to 15 December 1904.)

No. 266 of 1899.—The Westinghouse Brake Company, Limited. *Improvements in draw-gear and buffing apparatus.* (From 15 December 1903 to 15 December 1904.)

No. 312 of 1899.—George Westinghouse. *Improvements in electro-pneumatic controlling apparatus.* (From 15 December 1903 to 15 December 1904.)

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 30th June 1903.

PARTICULARS.	17th CHRY. of 1894-97.	28 7th CHRY. Loans						4 7th CHRY. Loans				4 7th CHRY. Loans		GRAND TOTAL.
		of 1894-95.	of 1895-96.	of 1896-97.	of 1897-98.	of 1898-99.	Total.	of 1898-99.	of 1899-00.	of 1900-01.	of 1901-02.	Reduced 4 per cent. Loan of 1899.	Total.	
Balance of 1st June 1903	4,47,37,000	1,42,50,500	1,41,85,000	1,37,84,400	100	20,09,600	87,55,34,500	6,934	5,000	13,900	40,800	5,700	73,000	28,55,00,000
Amount transferred to in London	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Amount enfaced at Madras up to 2nd June 1903	10,000	..	..	..	..	..	4,000	..	..	..	..	..	..	..
Amount enfaced at Bombay up to 25th June 1903	..	..	..	..	..	..	2,000	..	..	..	..	..	..	..
Amount enfaced at Calcutta between 26th and 30th June 1903	..	..	..	..	..	..	15,000	..	..	..	..	..	..	..
Balance on 30th June 1903	4,47,47,000	1,42,50,500	1,41,85,000	1,37,84,400	100	20,09,600	87,55,34,500	6,934	5,000	13,900	40,800	5,700	73,000	28,55,00,000
Amount written off in the London Register	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Balance on 30th June 1903	4,47,47,000	1,42,50,500	1,41,85,000	1,37,84,400	100	20,09,600	87,55,34,500	6,934	5,000	13,900	40,800	5,700	73,000	28,55,00,000

NOTE.—From 9th June 1895 to 30th Apr. 1903, enfaced from India Rs. 1,188 lakhs, re-transferred from London Rs. 80,081 lakhs.

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 2nd July 1903.

A. M. LINDSAY,
Offg. Secretary and Treasurer.

Balance against India 40 lakhs.

Balance against London 80,081 lakhs.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 2nd July 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 30th June 1903.

TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as Security for notes under Act VIII of 1900.	TOTAL.
₹	₹	₹	₹	₹	₹	₹	₹
Calcutta	3,47,55,000	12,15,33,775	15,62,88,775	6,35,47,212	*6,77,40,616	...	13,12,96,828
Allahabad . . . . .	...	2,89,36,515	2,89,36,515	1,26,58,049	9,45,097	...	1,36,04,046
Lahore . . . . .	...	2,49,88,740	2,49,88,740	21,09,566	10,24,215	...	32,23,781
Bombay	1,76,71,215	7,77,52,340	9,54,23,355	1,05,48,062	5,53,17,417	...	7,20,66,379
Karachi . . . . .	...	1,19,05,630	1,19,05,630	35,66,345	16,25,280	...	31,91,625
Madras	10,87,225	3,07,28,505	3,27,15,280	74,60,615	1,32,00,840	...	2,04,61,435
Calicut . . . . .	...	14,86,000	14,86,000	9,17,930	1,31,220	...	10,49,150
Rangoon . . . . .	...	1,38,25,025	1,38,25,025	1,80,13,703	7,59,045	...	1,87,66,650
	544,13,440	31,12,46,420	36,56,59,860				
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			Nil.				
TOTAL ₹			36,56,59,860	12,47,15,284	14,00,44,630	...	36,56,59,860
Deduct—Amount due on Bills drawn by one circle on another			Nil.				
NET TOTAL ₹							26,56,59,860
Price paid for Government Securities of the nominal value of ₹10,20,81,500 held under Section 19 of the Indian Paper Currency Act XX of 1932							9,99,99,046
GRAND TOTAL ₹							36,56,59,860

* \$75,000 (65,000) was transferred in gold from the Paper Currency Reserve to the Gold Reserve Fund on the 30th June 1933.

• O. T. BARROW,
Head Commissioner of Paper Currency.

THE HONOURABLE THE AGENT TO THE GOVERNOR-GENERAL
IN BALUCHISTAN.

NOTIFICATIONS.

Ziarat, the 25th June 1903.

No. 1023-Z.—Major C. W. Jacob, I.S.C., Commandant, Zhob Levy Corps, is granted privilege leave for ninety days, under paragraph 659 of the Army Regulations, India, Volume I, Part I, 1898, with effect from the 2nd July 1903.

No. 1024-Z.—Captain R. E. Roome, I.S.C., Adjutant and 2nd-in-Command of the Zhob Levy Corps, is appointed to the command of the Corps in addition to his own duties during the absence on privilege leave of Major Jacob or until further orders.

By order,

W. S. DAVIS,
First Assistant.

DARJEELING GOVERNMENT CEMETERY.

Notice is hereby given under the provisions of Rule XX of the Government of India Notification No. 178, dated Simla, the 21st May 1897, that the following unendowed monuments in the above Cemetery have fallen into a ruinous condition and should no person, or persons, be found who will undertake to repair or restore them, or any of them, they will severally be dealt with at the next annual repairs of the Cemetery in such manner as the Officer in charge of the Cemetery may decide to be necessary for the maintenance of the Cemetery in decent order:—

No. of grave.	Name of deceased.	Date of death.	Name and address of relatives.
8	Jennie, daughter of John and Hebe Page	20th April 1869	Unknown.
9	T. H. Hodgetts, Esqre.	5th July 1860	Ditto.
10	Alexander Mackenzie	31st March 1875	Ditto.
14	Mrs. Erssn Parsons, wife of Conductor Parsons, Commissariat Department	30th April 1862	Ditto.
17	Samuel Smith and Frances, his wife	6th April 1861	Ditto.
13	Lieutenant F. A. Jeune, 25th Bengal Infantry	14th September 1861	Ditto.
34	A pucca grave.	31st March 1856	Ditto.
42	Ditto.	No information in record.	
44	R. S. Bird, Esqre., late Assistant Surgeon, 20th Native Infantry	Ditto.	
45	Susan, wife of Captain S. Murphy, 52nd Light Infantry	19th April 1847	Unknown.
52	Christina, daughter of Mr. and Mrs. J. Cormack	6th July 1863	Ditto.
53	Sarah, wife of Sergeant C. N. Cutchen, Sappers and Miners	22nd June 1864	Ditto.
	Also Hannah, second wife of above—also 2 children of above	25th April 1841	Ditto.
55	W. A. Hay, Esqre., B.S.C.	14th November 1848	Ditto.
56	Thomas John Saunders	31st October 1843	Ditto.
57		17th March 1846	Ditto.
58		No information in record.	
64		Ditto	
68	Mr. Westcombe, wife of Captain W. Bruce, Indian Navy	Ditto	
69	Captain R. Taylor, 65th Regiment, Native Infantry	17th September 1842	Unknown.
70	Alexr. Ross Morton, Esqre., Bengal Medical Service	21st June 1844	Ditto.
72		6th July 1841	Ditto.
73	Major-General E. H. Simpson	No information in record.	
96	Frederick, son of Major G. R. Roberts	30th September 1845	Unknown.
118	Wife of Private W. Davis, Grenadier Company, 80th Regiment	25th September 1866	Ditto.
82	Jane Ellen, wife of Major C. H. Burt, 64th Regiment, Native Infantry	Unknown	Ditto.
		28th November 1853	Ditto.

T. E. F. COLE,

Chaplain of Darjeeling,

Officer in charge Darjeeling Government Cemetery.

DARJEELING,
The 18th June 1903.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal:—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen.

5. Press workers.
6. Photo-Mechanical workers.
7. Mechanical apprentices.
8. Metal and wood carvers.

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Simla, the 23rd June 1903.

No. 15.—Mr. J. S. Hewett, Officiating Superintendent, class V, 2nd grade, is granted privilege leave for three months under Article 260 of the Civil Service Regulations in combination with furlough for five months under Articles 233 and 338, with effect from the forenoon of the 14th June 1903.

F. G. MACLEAN,
Director General of Telegraphs.

THE HONOURABLE THE RESIDENT IN MYSORE.

NOTIFICATIONS.

Bangalore, the 23rd June 1903.

No. 2043.—Under the provisions of section 6 of the Land Acquisition Act, I of 1894, as applied to the Civil and Military Station of Bangalore, it is hereby declared that the land described in the annexed schedule, situated within the limits of the Civil and Military Station of Bangalore, is required for a public purpose, namely for constructing a road to connect Langford Town with Wellington Street.

SCHEDULE.

Boundaries.

Name of owner.	Name of road.	Approximate area.	North.	South.	East.	West.
Mr. Roberts	Wellington Street.	2 guntas 116 square yards and 2½ square feet.	Mr. Robert's property.	Mr. Visvanatha Iyer's property.	Wellington Street.	Langford town main road.

APPOINTMENTS AND RESIGNATIONS.

BANGALORE RIFLE VOLUNTEERS.

The 27th June 1903.

No. 3012.—Reverend Walter George Barry, A.K.C., resigns his commission, with effect from 1st April 1903.

Reverend Frank Nuttall, M.A., to be Honorary Chaplain, with effect from 1st April 1903, *vice* Barry, resigned.

TRANSFERS.

BANGALORE RIFLE VOLUNTEERS.

The 27th June 1903.

No. 3013.—Captain George William Burton is transferred from the Supernumerary to the Unattached List, with effect from 1st May 1903.

Captains Henry William Holland, George Tate, and Hugh Nathaniel Collyer are transferred to the Supernumerary List, with effect from 1st April 1903.

By order,

R. M. KING,
First Assistant Resident.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

NOTIFICATION.

Calcutta, the 23rd June 1903.

No. 242.—Mr. B. McMullen, Superintendent, Class III, Persian Gulf Telegraphs, has been permitted by His Majesty's Secretary of State for India in Council to retire from the service with effect from the 27th April 1893.

G. C. WOLFE,
Examiner of Telegraph Accounts.

SURVEY OF INDIA.

NOTIFICATIONS.

Simla, the 25th June 1903.

No. 274.—Mr. J. Marten, Extra Assistant Superintendent, 4th grade, is granted privilege leave for three months, under Article 260, Civil Service Regulations, with effect from the 1st July 1903, or the subsequent date on which he may avail himself thereof.

No. 275.—Mr. E. F. Litchfield, Deputy Superintendent, 1st grade, is granted privilege leave for three months, under Article 260, Civil Service Regulations, with effect from the 15th July 1903, or the subsequent date on which he may avail himself thereof.

ST. G. GORE, Colonel, R.E.,
Surveyor General of India.

DIRECTOR OF RAILWAY TRAFFIC.

NOTIFICATIONS.

Simla, the 20th June 1903.

No. 25.—With reference to Director of Railway Traffic's Notification No. 12, dated 24th March 1903, Mr. A. Upson, Officiating District Traffic Superintendent in class II of the Superior Revenue Establishment of State Railways, reverted to his substantive appointment of Assistant Traffic Superintendent in class III, grade 1, of that Establishment, with effect from the afternoon of the 28th February 1903.

No. 26.—With reference to Director of Railway Traffic's Notification No. 4, dated 21st January 1903, Mr. S. E. S. William, Assistant Traffic Superintendent in class III, grade 2, of the Superior Revenue Establishment of State Railways, is transferred permanently from the North Western Railway to the Oudh and Rohilkhand Railway.

The 24th June 1903.

No. 27.—The undermentioned officiating District Locomotive Superintendents in class II of the Superior Revenue Establishment of State Railways will hold temporary rank in class II, grade 4, of that Establishment, while so officiating, with effect from the 1st April 1903:—

Mr. W. R. Pearce.
Mr. A. J. Chase.
Mr. H. H. Spalding.

The 29th June 1903.

No. 28.—Mr. G. Hales, Assistant Traffic Superintendent in class III, grade 1, of the Superior Revenue Establishment of State Railways, officiated as District Traffic Superintendent in class II of that Establishment, from the 30th January to the 6th February 1903 and again from the 25th February to the 1st March 1903.

G. F. WILSON, Colonel, R.E.,
Director of Railway Traffic.

CIVIL AND MILITARY STATION, BANGALORE.
MUNICIPAL OFFICE.

NOTIFICATION.

Dated Bangalore, the 23rd April 1903.

No. 347.—In exercise of the powers conferred under section 137 (1) (c) (v) of the Bangalore Municipal Law, 1897, the Municipal Commission for the Civil and Military Station of Bangalore have made the following amendments to the Byelaw relating to the control of burial and burning grounds published in this office Notification No. 670, dated 2nd May 1899, and the same having been confirmed by the Hon'ble the Resident in Mysore, as required by section 139, they are hereby notified for public information under section 180 (3) of the said law:—

After section 13 add—

13A. All burials and burnings in the cemeteries shall be registered by the Cemetery Registrar in books in the form given in the appended schedule. All such entries shall be made consecutively from the beginning to the end of the book.

13B. Whoever brings or conveys or causes to be brought or conveyed a corpse to any Burial or Burning ground shall give to the Cemetery Registrar in charge, according to the best of his or her knowledge and belief, such information of the several particulars as may be required to be known and registered touching the death of such person.

SCHEDULE.

1	2	3	4	5	6	7	8	9	10
Name.	Age.	Sex.	Nationality or caste.	Occupation or calling (in the case of soldiers enter rank, number and regiment).	Place of residence and of death.	Date of death.	Cause of death.	Duration of illness.	Name of the medical practitioner.
		Male.							
		Female.							

E. S. LLOYD,
President, Municipal Commission, Civil and
Military Station, Bangalore.

NORTH WESTERN RAILWAY.

NOTIFICATION.

Lahore, the 24th June 1903.

No. 16.—Mr. E. B. Beatson, Assistant Engineer, 2nd grade, passed the Lower Standard Examination in Hindustani prescribed in Public Works Department Code, Volume I, Chapter II, paragraph 175, on the 13th April 1903.

S. FINNEY,
Manager, North Western Railway.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 2nd Battalion, the Border Regiment of Infantry, dated at Thayetmyo, this 19th day of June 1903.

Number, Rank, and Name,—5013, Private George Williams.	Place of enlistment,—Warley.
Age,—21 years 7 months.	Parish and County in which born,—Camberwell, London, Middlesex.
Height,—5 feet 6 inches.	Date of desertion or absence,—16th June, 1903.
Colour of—Complexion, fresh; hair, brown; eyes, grey.	Place of desertion or absence,—Rangoon, Burma.
Trade,—Musician.	Marks,—Tattooed on both forearms.
Date of enlistment,—4th March 1896.	Deserted while on furlough.
	Under eight years' service.

REIN HEYGATE, Major,
Commanding and Battr. Border Regiment.

Report of a Deserter or Absentee without leave from the 1st Battalion, "The Buffs" Regiment of Infantry, dated at Poona, this 27th day of June 1903.

Number, Rank and Name,—6315, Private William George Bennett.	Place of enlistment.—Woolwich.
Age,—21 years 8 months.	Parish and County in which born,—Marylebone, London.
Height,—5 feet 8½ inches.	Date of desertion or absence,—9 a.m., 20th instant.
Colour of—Complexion, dark; hair, brown; eyes, blue.	Place of desertion or absence,—Poona.
Trade,—Bricklayer's labourer.	Marks,—Scars left knee.
Date of enlistment,—22nd January 1901.	Under three years' service.

C. B. VYVYAN, Lt.-Col.,
Commanding 1st Battalion, "The Buffs".

POST OFFICE.

NOTIFICATIONS.

Simla, the 23rd June 1903.

No. 635-S-*Ap*.—Mr. T. S. Carroll, Superintendent of Post Offices, officiating in the 2nd grade, is granted privilege leave for two months, with effect from the 16th July 1903, or from the date on which he may avail himself of it.

The 24th June 1903.

No. 640S.-*Ap*.—Mr. J. E. Lauder, Officiating Superintendent of Post Offices, 4th grade, is granted privilege leave for 2 months and 6 days combined with leave on medical certificate for 3 months and 22 days with effect from the 4th May 1903.

Babu Dina Nath Mukerjee is appointed to act as Superintendent of Post Offices, 4th grade, during the absence on privilege leave of Mr. J. E. Lauder, or until further orders.

2. This supersedes Notification No. 372S.-*Ap*., dated the 16th May 1903.

The 25th June 1903.

No. 669-S-*Ap*.—Mr. C. H. Stuart, Postmaster, Simla, is granted privilege leave for two months with effect from the 28th June 1903, or from the date on which he may avail himself of it.

H. M. KISCH,

Officiating Director-General of the Post Office of India.

NOTICE.

The Ahmednagar Horse-Show, will be held on 5th, 6th and 7th November 1903.

J. H. DuBOULAY,
Acting Collector.

AHMEDNAGAR,
29th June 1903.

**THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL,
RAJPUTANA.**

NOTIFICATION.

Abu, the 29th June 1903.

No. 2624—319.—The privilege leave granted to Major H. E. Drake Brockman, I.M.S., Agency Surgeon, Eastern Rajputana States, in this Office Notification No. 1488-319, dated the 15th April, 1903, is extended by two weeks.

By order,

A. B. MINCHIN, Captain,

First Assistant to the Agent to the Governor General, Rajputana.

**THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.**

NOTIFICATIONS.

POWERS.

Peshawar, the 12th June 1903.

No. 119-E.—Under the powers conferred by Section 13 (1) of the Code of Criminal Procedure, 1898, Mr. E. B. Howell, Assistant Commissioner and a Magistrate of the 1st Class, is placed in charge of the Thal Sub-Division of the Kohat District, *vice* Captain J. B. Bowring.

No. 119-F.—Under the powers conferred by Section 54 of the North-West Frontier Province Law and Justice Regulation, No. VII of 1901, Mr. E. B. Howell, Assistant Commissioner in charge of the Thal Sub-Division of the Kohat District, is appointed a Subordinate Judge, and, under the provisions of Section 56 (1) of the said Regulation, is invested with the powers of a Subordinate Judge of the 1st Class (as defined in Punjab Government Notification No. 730-S., dated 15th October 1884), with respect to cases generally, within the limits of the Thal Sub-Division of the Kohat District, which the Hon'ble the Agent to the Governor-General and Chief Commissioner, in exercise of the powers conferred by Section 57 (1) of the said Regulation, is pleased to define as the local limits of the Subordinate Judgeship of the Thal Sub-Division.

2. The Hon'ble the Agent to the Governor General and Chief Commissioner is pleased to direct that Mr. E. B. Howell shall be deemed, for the purposes of the said Regulation, to be a Subordinate Judge.

No. 119-G.—In exercise of the powers vested in him under Section 46 of Act II of 1886, the Hon'ble the Agent to the Governor-General and Chief Commissioner is pleased to invest Mr. E. B. Howell, Assistant Commissioner in charge of the Thal Sub-Division of the Kohat District, with all the powers of a Collector under the said Act, except those specified in Sections 9(2), 12, 18 (1) (b), 31 and 35.

This Notification supersedes all previous notifications concerning the powers of the above-named officer under the Income Tax Act, and it will remain in force until he ceases to be a 1st Class Magistrate, or to hold charge of the Sub-Division; or until it is expressly cancelled.

The 18th June 1903.

No. 123-A.—Under the provisions of Section 4 (1) of the Frontier Crimes Regulation, No. III of 1901, the Hon'ble the Agent to the Governor-General and Chief Commissioner is pleased to appoint, and does hereby appoint, Munshi Mohammad Sarferaz Khan, Extra Assistant Commissioner and a Magistrate of the 1st Class, to be Additional District Magistrate in the District of Kohat, and under Section 30 of the Code of Criminal Procedure, 1898, invests Mohammad Sarferaz Khan with power to try as a Magistrate all offences not punishable with death.

No. 123-B.—Under the powers conferred by Section 54 of the North-West Frontier Province Law and Justice Regulation, No. VII of 1901, Munshi Mohammad Sarferaz Khan, Extra Assistant Commissioner, Kohat, is appointed a Subordinate Judge, and, under the provisions of Section 56 (1) of the said Regulation, is invested with the powers of a Sub-

ordinate Judge of the 1st Class (as defined in Punjab Government Notification No. 730-S., dated 15th October 1884), with respect to cases generally, within the limits of the Civil District of Kohat, which the Hon'ble the Agent to the Governor-General and Chief Commissioner, in exercise of the powers conferred by Section 57 (1) of the said Regulation, is pleased to define as the local limits of the Subordinate Judgeship of the Kohat District.

2. The Hon'ble the Agent to the Governor-General and Chief Commissioner is pleased to direct that Mohaminad Sarferaz Khan shall be deemed, for the purposes of the said Regulation, to be a Subordinate Judge.

No. 123-C.—Under the powers conferred by Section 81 (1) of the North-West Frontier Province Law and Justice Regulation, No. VII 1901, Munshi Mohammad Sarferaz Khan, Extra Assistant Commissioner, is invested with the powers of a District Judge for the purpose of hearing appeals within the limits of the Civil District of Kohat.

2. The Hon'ble the Agent to the Governor-General and Chief Commissioner is pleased to direct that Mohammad Sarferaz Khan shall be deemed, for purposes connected with the exercise of the powers herein conferred, to be a District Judge.

The 20th June 1903.

No. 126-A.—Under the provisions of Section 12 of the Code of Criminal Procedure, 1898, Lieutenant R. Garratt, Assistant Commissioner, is appointed a Magistrate of the 2nd Class in the Peshawar District.

No. 126-B.—Under the provisions of Section 58 (1) of the North-West Frontier Province Law and Justice Regulation, No. VII of 1901, Lieutenant R. Garratt, Assistant Commissioner, is invested with the powers of a Munsif of the 2nd Class with respect to cases generally within the limits of the Civil District of Peshawar.

2. The Hon'ble the Chief Commissioner is pleased to direct that Lieutenant Garratt shall be deemed, for the purposes of the said Regulation, to be a Munsif.

No. 126-C.—Under the powers conferred by Section 13 (1) of the Code of Criminal Procedure, 1898, Lieutenant R. Garratt, Assistant Commissioner, and a Magistrate of the 2nd Class, is placed in charge of the Nowshera Sub-Division, of the Peshawar District, *vice* Niyaz Hussain Bakhshi.

The 23rd June 1903.

No. 127.—Under the provisions of Section 27 of the Punjab Land Revenue Act, 1887, the Hon'ble the Chief Commissioner, North-West Frontier Province, is pleased to confer all the powers of an Assistant Collector of the 2nd grade, under Chapter IV of the said Act, on Munshi Amir Singh Bhai, Officiating Settlement Naib Tehsildar, within the limits of the district to which he may be from time to time appointed. Such powers shall be exercised subject to the control of the Settlement Officer under whom he may from time to time be serving.

The 25th June 1903.

No. 129.—Under the provisions of Section 12 of the Code of Criminal Procedure, 1898, Sardar Sultan Asad Jan, Officiating Extra Assistant Commissioner, is appointed a Magistrate of the 1st Class in the Dera Ismail Khan District.

No. 130.—Under the provisions of Section 58 (1) of the North-West Frontier Province Law and Justice Regulation, No. VII of 1901, Sardar Sultan Asad Jan, Officiating Extra Assistant Commissioner, is invested with the powers of a Munsif of the 1st Class with respect to cases generally within the limits of the Civil District of Dera Ismail Khan.

2. The Hon'ble the Chief Commissioner is pleased to direct that Sardar Sultan Asad Jan shall be deemed, for the purposes of the said Regulation, to be a Munsif.

TRANSFER AND APPOINTMENT.

The 23rd June 1903.

No. 128.—Mr. E. B. Howell, Assistant Commissioner, is transferred from the Peshawar to the Kohat District, and placed in charge of the Thal Sub-Division of that District, where he assumed charge of his duties on the afternoon of the 12th June 1903, relieving Captain J. B. Bowring, Assistant Commissioner, transferred.

POSTING.

The 25th June 1903.

No. 131.—On return from the privilege leave of absence granted to him in Notification No. 50, dated 25th March 1903, Munshi Mohammad Sarferaz Khan, Extra Assistant Commissioner, is posted to the Kohat District and assumed charge of his duties there on the forenoon of the 18th June 1903.

APPOINTMENT.

The 29th June 1903.

No. 132.—Lieutenant R. Garratt, Assistant Commissioner, whose services have been placed at the disposal of the Hon'ble the Chief Commissioner and Agent to the Governor General, for employment in the North-West Frontier Province, is posted to the Peshawar District and placed in charge of the Nowshera Sub-Division, where he assumed charge of his duties on the afternoon of the 20th June 1903, relieving Miyan Husain Bakhsb, Extra Assistant Commissioner, transferred.

By order,

A. H. GRANT,

Secretary to the Chief Commissioner,
N.-W. Frontier Province.

REVENUE COMMISSIONER—NORTH-WEST FRONTIER PROVINCE.

NOTIFICATION.

Peshawar, the 25th June 1903.

No. 1086-G.—In modification of Notification No. 152-C., dated 24th September 1902, and with the sanction of the Government of India in the Foreign Department, the appointment of Native Assistant, Swat, on Rs 150—200 per mensem is hereby excluded from the Cadre of Tahsildars of this Province.

The 4th grade of the amalgamated Cadre of Tahsildars and Munsifs will now contain 11 appointments instead of 12 as published in the notification cited above.

No. 1087-G.—The appointment of Rai Sahib Lachman Das, Native Assistant, Swat, to the 4th grade of Tahsildars in Notification No. 156-C., dated 24th September 1902, is hereby cancelled.

M. F. O'DWYER,

Revenue Commissioner, N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 30th May 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	BIRTHS.			DEATHS.			CAUSE OF DEATH.								INFANTS UNDER ONE YEAR OF AGE.			Ratio of deaths per 1,000 of popula- tion.	Ratio of births per 1,000 of popula- tion.	Number.
				Males.	Females.	Total.	Males.	Females.	Total.	Plague.	Cholera.	Small-pox.	Dysentery and Diarrhoea.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hazara	Abbottabad	3,395	1	1	2	4	2	2	...	...	...	...	...	2	...	2	2	2	4	31	61	1
2		Nawashahr	4,114	3	2	5	4	...	4	...	...	...	1	...	...	...	3	...	2	2	63	50	2
3		Butia	7,029	1	2	3	5	2	3	...	...	...	2	2	...	1	...	...	...	...	22	27	3
4		Haripur	5,578	2	1	3	6	4	2	1	5	...	2	...	2	28	56	4
5	Peshawar	Peshawar	78,343	11	10	21	35	18	17	1	3	2	20	1	6	...	4	4	3	7	15	25	5
6	Kohat	Kohat	18,092	3	6	9	15	8	7	...	...	...	6	1	3	...	3	3	1	6	26	43	6
7	Bannu	Bannu	10,070	2	5	7	8	5	3	...	...	...	4	...	...	...	4	...	...	...	36	41	7
8		Lakki	5,218	2	...	2	2	1	1	2	20	20	8
9	Dera Ismail Khan	Dera Ismail Khan	28,287	11	8	19	19	10	9	...	...	...	7	1	3	...	8	6	1	7	35	35	9
10		Kulachi	9,125	2	...	2	7	2	5	...	...	1	2	1	1	...	2	1	...	...	11	40	10
		Total	164,251	38	35	73	105	52	53	1	6	...	45	4	17	...	32	20	9	20	23	33	

Remarks by the Administrative Medical Officer.

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 30th May 1903.

Births and Deaths in Municipal Towns.—In the 10 Municipal Towns, 73 births were registered (38 males and 35 females), giving a birth-rate of 23 per mille of population; 105 deaths were registered (52 males and 53 females) giving a death-rate of 33 per mille of population.

There was 1 death registered under the head of cholera. It occurred in the Municipal town of Peshawar.

Peshawar, the 18th June 1903.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

CIVIL ENGINEERING COLLEGE, SIBPUR.
Agricultural Department

HIGHER AGRICULTURAL CLASS.

SESSION, 1903-1904.

RULES FOR ADMISSION.

For admission to the Higher Agricultural Class, an applicant must have one of the following qualifications:—

- (i) He must have passed the F.E. examination of the Calcutta University, and be under 23 years of age, but no student will be allowed to join the Agriculture class after the expiration of five years from admission into the Engineering College.
- (ii) He must have passed the B.A. examination of the Calcutta University by the B course, or possess other sufficient educational qualifications, be under 23 years of age, and, in addition, have received a nomination from the Bengal Government.
- (iii) He must have had a general education qualifying him to follow the instruction in the Higher Agricultural Class, and must also receive a nomination from Government for admission as a special student. To be eligible for a nomination under this rule, a candidate must either have landed property of his own, or be recommended by some influential landholder who desires to train him to take part in the management of his estate, or he must otherwise satisfy Government that he intends to make practical use of his agricultural training. Students entering under this rule will be termed Special Agricultural Students. They will not be subject to any maximum limit of age, but will not be entitled to the privileges conferred on passed students under rules 12 and 13, even though they should obtain fully-signed diplomas in due course after passing the necessary examinations.

Every candidate for admission to this Department must apply in writing to the Principal not later than the 14th July. The form of application for a nomination, which must be addressed to the Principal, is given in Appendix B. In the event of the form not being properly filled up, and accompanied by the necessary certificates, no notice will be taken of the application.

The number to be nominated each year will depend on the accommodation available.

Every applicant, not already a student of the College, must undergo a medical examination by the College Surgeon before admission to this Department. If this officer's report is unsatisfactory, the applicant will not be admitted.

The sessions begins on the first Monday in November. All students are required to join the College on that day. Any student prevented by sickness from attending on the opening day must produce a certificate to that effect from a Civil or Assistant Surgeon, failing which he will be liable to a fine not exceeding Rs 10. No student will be admitted or re-admitted to the College after the month of November, except by special orders of the Director of Public Instruction. This permission will only be given under exceptional circumstances.

COURSE OF INSTRUCTION.

The course of instruction in the Higher Agricultural Class will extend over two academic years.

SCHOLARSHIPS.

Senior scholarships awarded in the Engineer Department are tenable in the Agricultural Department.

One graduate scholarship of Rs 30 a month, tenable for one year, will be awarded on the result of the examination held at the end of the first academic year.

APPOINTMENTS.

Two appointments annually are assigned to students holding a fully-signed diploma: one in the Provincial Executive Service and one in the Subordinate Executive Service. The right of selection for these appointments will rest with Government, and the students who gained the highest marks at the examination for diplomas will not necessarily be selected.

Other holders of fully-signed agricultural diplomas, who wish to compete at the examination for admission to the Provincial, Subordinate Executive, and Opium Services, may submit their names through the Principal to Government for nominations. These applications for nominations will be considered, provided the applicants appear to His Honour the Lieutenant-Governor to be otherwise suitable for admission to these services.

ENTRANCE AND TUITION FEES.

Each student in the Higher Agricultural Department will be required to pay an admission fee of R 10.

F.E.'s who elect to join the Agricultural Department immediately after passing the F.E. examination are exempted from the payment of this fee, as their names are already borne on the College books.

For the present no tuition fees will be charged to students in the Agricultural Department, except in the case of those joining as special students under rule 3 (iii). The tuition fees for these students will be R 8 a month.

Further particulars may be obtained free on application to the Principal.

B. HEATON,

Offg. Principal, Civil Engineering College.

SIBPUR;

The 23rd June 1903.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

	Government officers.	General public.	Postage extra.
	R	■	Annas.
1-pound tin	10	12	8
1/2 " "	5	6	6
1/4 " "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R 16, or post-free, R 16-8
1/2 " "	R 8, " R 8-6
1/4 " "	R 4, " R 4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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Application is to be made to the Curator, Thomason College Book Depot, Roorkee.

A LIST OF NEW BOOKS AND PERIODICALS FOR SALE AT THE LIBRARY OF THE ASIATIC SOCIETY OF BENGAL, 57, PARK STREET, CALCUTTA.

ASIATIC SOCIETY'S PUBLICATIONS.

Journal, Part I, Nos. 1, 2 and Extra No. 1 of 1902 and No. 1 of 1903 @ Rs 2.

" Part II, Nos. 1 to 3 and Index of 1902 @ Rs 2.

" Part III, No. 2 of 1902 and No. 1 of 1903 @ Rs 2.

Proceedings Nos. 2 to 11 of 1902 @ 8a.

BIBLIOTHECA INDICA.

Catapatha Brahmana. Vol. 1, Fasc. 6 and 7 @ 6a.

Clokavartika. (English.) Vol. 1, Fasc. 3 @ 12a.

Upamiti-bhava-prapanca-katha. 3 @ 6a.

Padumawati. Fasc. 4 @ Rs 2.

Gadadhara Paddhati Kalasara. 4 and 5 @ Rs 2.

Akbarnamah. (English.) Vol. 1, 7 and 8 @ Rs 1.

Dana kriya kaumudi. Fasc. 1 @ 6a.

Cranta Sutra of Apastamba. Vol. III, 17 @ 6a.

Catasahasrika-prajnaparimita. Pt. I, 1 to 4 @ 6a.

Nyayavartika. Fasc. 5 @ 6a.

Nityacarapaddhati. Fasc. 4 to 7 @ 6a.

Varsa kriya kaumudi. Fasc. 5 and 6 @ 6a.

Maha-bhasya-pradipodyota. Vol. II, 4 to 7 @ 6a.

Riyazu-s-Salatin. (English.) Fasc. 1 to 3 @ 12a.

Prakrita-Paingalam. Fasc. 7 @ 6a.

Bodhicary avatara of Cantidevi. Fasc. 1 and 2 @ 6a.

Kala Viveka. Fasc. 3 @ 6a.

Vidhana Parijala. Fasc. 1 @ 6a.

LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT FROM 1ST JANUARY TO 30TH JUNE 1903.

Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. Rs 1 per month.

Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. Rs 1 per month.

Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. Rs 1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 11, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777-79, dated 9th February, 1890, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,

Secretary to the Government of India.

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Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 9th July 1903.

NOTIFICATIONS.

No. 2200 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 4th July 1903:—

- No. 270 of 1903.—William Peto, electrical engineer, of 55 and 57b, Hatton Garden, London, England, and James William Thomas Cadett, photographic dry plate manufacturer, of Crampshaw Works, Ashted, Surrey, England. *Improvements in electric accumulators.*
- No. 271 of 1903.—Michael Joseph Owens, glass worker, of 2263, Lawrence Avenue, in the city of Toledo, state of Ohio, United States of America. *Improvements in or relating to receptacles or containers for molten glass.*
- No. 272 of 1903.—George Streeting, tea planter, of Nawalapitrya, Herbert Tarver, engineer, of Colombo, and Frank Edward Mackwood, merchant, also of Colombo, all in the island of Ceylon. *Process for the manufacture of green tea.*
- No. 273 of 1903.—Carl Leistner, engineer, of 100, The Avenue, Bruce Grove, Tottenham, London, N., England. *Improvements in machines for making glass bottles.*
- No. 274 of 1903.—George Archibald Lowry, mechanical engineer, of 1124, Monadnock Building, Chicago, county of Cook, state of Illinois, United States of America. *Improvements in apparatus for charging fluids and the like with carbonic acid or other gas.*
- No. 275 of 1903.—James Brandon, machinist, of No. 390, 11th Avenue, New York, county of New York, state of New York, United States of America. *Cotton ginning apparatus.*
- No. 276 of 1903.—Mirza Akhar Ali Khan, landholder, of Delhi, in British India. *Improvements in water-lifts.*
- No. 277 of 1903.—Charles Walke, inspector of steam boilers, the Town Custom House, Fort, Bombay. *Improvements in zinc composition cylinders.*

No. 2201 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

- No. 252 of 1902.—Lieutenant James Walker, assistant engineer, Public Works Department, 7, Arsenal road, Poona, Bombay Presidency. *An automatic flood gate.* (Specification filed 27 June 1903.)
- No. 51 of 1903.—John Frederick Quinlivan, engineer-in-charge, Nidadivol Rice Mills, Nidadivol. *Improved machinery and apparatus for steaming paddy.* (Specification filed 25 June 1903.)
- No. 117 of 1903.—Emil Passburg, engineer, of 33, Brückenallee, Berlin, in the empire of Germany. *Improvements relating to vacuum drying apparatus.* (Specification filed 30 June 1903.)
- No. 118 of 1903.—Charles Felton Scott, electrical engineer, of 124, Elysian street, Pittsburg, Pennsylvania, United States of America. *Improvements in alternating currents for electrical apparatus.* (Specification filed 25 June 1903.)
- No. 125 of 1903.—James Mackay Taylor, executive engineer, P. W. D., Irrigation Branch, United Provinces of Agra and Oudh, at present residing at Muttra. *A water-lift, called the "Irrigator."* (Specification filed 25 June 1903.)

No. 138 of 1903.—James Henry Reid, electrical engineer, of 538, Summer Avenue, Newark, state of New Jersey, United States of America. *Improved method of generating electricity.* (Specification filed 30 June 1903.)

No. 186 of 1903.—Arthur Edward Pundt, manager of Messrs. Graham and Company's Bulk Oil Installation and Works at Budge-Budge, in the district of the 24-Pergunnahs. *A handle for kerosene tins and the like, to be called "Pundt's waste-tin can handle."* (Specification filed 25 June 1903.)

No. 2202 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

No. 111 of 1893.—Samson Fox. *Improvements in the manufacture of axle boxes and in apparatus for the purpose.* (From 4 September 1903 to 4 September 1904.)

No. 373 of 1895.—Alexander Muirhead. *Improvements relating to transmission of signals through sub-marine telegraph cables.* (From 3 July 1903 to 3 July 1904.)

No. 76 of 1896.—Thomas Cooper John Thomas. *Improvements in lamps for overhead lighting.* (From 1 July 1903 to 1 July 1904.)

No. 357 of 1896.—Andrew Campbell and James Urie. *Apparatus for filling oil tins.* (From 20 July 1903 to 20 July 1904.)

No. 486 of 1897.—The Velvrl Company, Limited. *Improvements in the manufacture of machine belting.* (From 1 August 1903 to 1 August 1904.)

No. 198 of 1898.—C. M. Roy. *Improved chimneys for the trench and overground kilns for brick burning.* (From 21 September 1903 to 21 September 1904.)

No. 120 of 1899.—Harry Phillips Davis and Frank Conrad. *Improvements in electric motors and meters adapted for use with alternating currents.* (From 19 August 1903 to 19 August 1904.)

No. 2203 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

No. 61 of 1898.—Ganesh Mahadev Janorikar. *Janorikar's universal big types.* (Specification filed 24 March 1899.)

No. 406 of 1898.—Josef Zehra. *An apparatus for the production of ice.* (Specification filed 22 March 1899.)

No. 407 of 1898.—Josef Zehra. *Improvements in freezing machines for domestic purposes or the like.* (Specification filed 22 March 1899.)

No. 435 of 1898.—Fakirjee Eduljee Bharucha. *Improvements in humidifiers.* (Specification filed 20 March 1899.)

No. 472 of 1898.—Shamrao Babaji Powar. *An improved apparatus to assist the sense of hearing.* (Specification filed 24 March 1899.)

No. 50 of 1899.—John Charles William Stanley and the Fish Oil and Guano Company, Limited. *Improvements in or relating to the extraction of oil from material containing it.* (Specification filed 22 March 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs50 for each of the above inventions.

No. 36 of 1898.—George Irving. *An improved bicycle stand.* (Specification filed 23 March 1898.)

Fee in respect of the continuance of an exclusive privilege—

4 (b) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—

The sum of Rs50 for the above invention.

No. 306 of 1894.—Victor Jetley and Gustave Jetley. *An improved structure for forming fences, partitions, bridges, street and road paving, flooring skylights, protecting windows and doors, and for other purposes.* (Specification filed 22 March 1895.)

Fee in respect of the continuance of an exclusive privilege—

- 4 (c) After the expiration of the seventh year and before the expiration of the eighth year from the date of filing of the specification—
The sum of Rs 50 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified; or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,
Secretary under the Inventions and
Designs Act, 1888.

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 10th July 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 7th July 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as security for notes under Act VIII of 1900.	TOTAL.
	₹	₹	₹	₹	₹	₹	₹	₹
Calcutta	3,33,90,000	12,28,95,745	15,62,85,745	6,38,22,007	5,76,16,026	...	...	12,14,38,033
Allahabad	...	2,59,27,100	2,59,27,100	1,19,81,100	7,07,317	...	...	1,27,78,516
Lahore	...	2,55,71,790	2,55,71,790	12,73,576	9,84,945	...	...	22,58,521
Bombay	1,40,38,440	8,05,00,245	9,45,38,685	1,69,55,977	5,52,50,822	...	...	7,22,12,799
Karachi	...	1,21,56,090	1,21,56,090	33,98,795	16,20,630	...	...	50,19,425
Madras	21,96,905	3,16,01,165	3,37,98,070	59,49,240	1,31,54,460	...	...	1,91,03,700
Calicut	...	14,78,870	14,78,870	9,26,025	1,29,000	...	...	10,55,525
Rangoon	...	1,36,87,185	1,36,87,185	1,83,83,895	6,92,705	...	...	1,90,76,600
	4,08,85,745	31,69,68,190	36,38,53,935					
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			10,09,380					
TOTAL ₹			36,28,44,555	12,26,92,604	14,02,52,055	...	...	26,29,44,609
Deduct—Amount due on Bills drawn by one Circle on another								1,00,000
								NET TOTAL ₹
								26,28,44,609
Price paid for Government Securities of the nominal value ₹ 10,20,81,300 held under Section 19 of the Indian Paper Currency Act, XX of 1882								9,99,99,846
								GRAND TOTAL ₹
								36,28,44,555

O. T. BARROW,

Offg. Head Commissioner of Paper Currency.

SURVEY OF INDIA—REVENUE BRANCH.

NOTIFICATION.

Calcutta, the 4th July 1903.

No. 4—R. 48-55.—Mr. G. C. Swiney, Extra Assistant Superintendent, 2nd grade, is granted privilege leave for 3 months, under Article 260 of the Civil Service Regulations, with effect from the 15th July 1903 or any subsequent date on which his services can be spared.

J. M. BURN, Captain, R.E.,
for Deputy Surveyor General,
In charge Revenue Branch.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.

NOTIFICATION.

Simla, the 4th July 1903.

No. 19.—The services of first class Military Assistant Surgeon Henry William George King of the Indian Subordinate Medical Department, Madras Command, are placed at the disposal of the Government of Madras for civil employment in that Presidency, with effect from the 21st May 1903.

JOHN T. W. LESLIE, M.B., Major, I.M.S.,
for Director-General, Indian Medical Service.

ADMINISTRATOR GENERAL OF BENGAL.

Notice of deaths sent to the Administrator General of Bengal under Section 64 of Act II of 1874.

Name of deceased.	Place of death.	Date of death.	By whom death reported and when.	REMARKS.
Mrs. E. M. Cant, late of Chunar.	Chunar . . .	10th June 1903 . . .	District Judge, Mirzapore, 18th June 1903.	Will left. No application.
Mrs. R. Hancock, late of Dinapore.	Dinapore . . .	4th May 1903 . . .	District Judge of Patna, 24th June 1903.	No will. The property left by the deceased, valued at Rs. 1, has been made over to his daughter.
Mr. E. Roe, late Station Master, Bankipore.	Bankipore . . .	27th April 1903 . . .	Ditto . . .	Will left. Probate granted to Mr. Thomas James Roach.
Mr. F. C. B. Gray, late Cov. Fireman, R. I. R., of Asansol.	Howrah Hospital . . .	21st April 1903 . . .	District Judge of Burdwan, 30th June 1903.	No will. No application.

3 COUNCIL HOUSE STREET;
Calcutta, the 9th July 1903.

C. GREY,
Offg. Administrator General of Bengal.

NORTH WESTERN RAILWAY.

NOTIFICATION.

Lahore, the 3rd July 1903.

No. 17.—Messrs. F. D. Monks and F. C. Pavry, Assistant Engineers, 3rd grade, passed the professional Examination prescribed in Public Works Department Code, Volume I, Chapter II, paras 169—172, on the 16th June 1903.

S. FINNEY,
Manager, North-Western Railway.

INDIAN MUSEUM.
INDUSTRIAL SECTION.

NOTIFICATION.

Calcutta, the 6th July 1903.

No. 144-IX.—Mr. D. Hooper, F.C.S., F.L.S., Curator, Indian Museum, Industrial Section, is granted three months' privilege leave, with effect from the 26th June 1903.

By order,
J. N. HENRY BURKICE,
Secretary to the Trustees.

TELEGRAPH DEPARTMENT.

CORRECTION.

Simla, the 3rd July 1903.

In Telegraph Department Notification No. 9, dated the 15th of May 1903, against the name of M. F. C. Smith—

For "Assistant Superintendent, class VII, 1st grade" in column "From"

Read "Assistant Superintendent, class VII, 1st grade, and class VI, 2nd grade, temporary."

F. G. MACLEAN,
Director General of Telegraphs.

NOTIFICATION.

The 6th July 1903.

No. 16.—Offices reported opened and closed during the month of June 1903.

Name of Office.	Where situated.	Date.	REMARKS.
<i>Government Telegraph Offices.</i>			
Chopda (Khandesh)	Bombay	1st June	Opened.
Dehiawita	Ceylon	22nd "	Ditto.
Dehra Dun Railway Station.	Punjab	15th "	Ditto.
Geriak	Bihar	24th Mar.	Ditto.
Jenapur	Bengal	14th June	Closed.
Kandi	Ditto	18th May	Opened.
Rungpur (Sikkim)	Ditto	21st June	Ditto.
Singtam (Sikkim)	Ditto	23rd "	Ditto.
Teesa Bridge (Darjeeling)	Ditto	11th "	Ditto.

NOTE.—The following change in the name of Government Telegraph Office is notified :—
"Perambut" instead of "Satghur."

Railway Telegraph Offices.

Ancharaghat	Eastern Bengal Railway.	27th June	Closed.
Bhavnagar Docks	Bhavnagar-Goldaj-Janagad-Probandar Railway.	20th "	Ditto.
Chaurashi	Bengal-Nagpur Railway	3rd "	Opened.
Garhwara	Bengal North-Western Railway	4th "	Clos d.
Golbathan Jn.	Eastern Bengal Railway	29th "	Opened.
Sheik Wasil	North-Western Railway	1st "	Ditto.

NOTE.—The following changes in the names of Railway Telegraph Offices are notified :—
On the Eastern Bengal State Railway—"Mahimaganj" instead of "Dewantola."

On the North-Western Railway—
"Mella" instead of "Paphian" and "Shah Nal" instead of "Mianpur."

E. A. LEACH,
Offg. Director, Traffic Branch.

NOTICE.

The Ahmednagar Horse-Show will be held on 5th, 6th, and 7th November 1903.

J. H. DUBOULAY,
Acting Collector.

AHMEDNAGAR,
29th June 1903.

**THE HONOURABLE THE AGENT TO THE GOVERNOR-GENERAL
IN BALUCHISTAN.**

NOTIFICATIONS.

Quetta, the 27th June 1903.

No. 1030-Z.—Whereas His Highness the Khan of Kelat has ceded to the British Government full jurisdiction in respect of certain lands which lie within his territory, and are occupied by the Quetta-Nushki State Railway (including the lands occupied as stations, out-buildings, and for all other railway purposes):

And whereas the said lands are now administered by the Agent to the Governor General in Baluchistan as such Agent.

In exercise of the powers conferred by section 3 of the Baluchistan Agency Laws Law, 1890, and with the previous sanction of the Governor General in Council, the Agent to the Governor General in Baluchistan is pleased to direct that the said lands shall form part of the Bolan Pass District.

No. 1031-Z.—In exercise of the powers conferred by section 5 of the Indian Registration Act, 1877 (III of 1877), as applied to the territories administered by the Agent to the Governor-General in Baluchistan as such Agent, the said Agent is pleased to direct that the following alterations may be made in his Notification No. 2004, dated the 4th April 1892, as amended by Notifications Nos. 5662, dated the 21st October 1893, 2563, dated the 4th April 1899, and 2403, dated the 15th March 1902, namely:—

For the words "The Bolan Pass and Rindli" in column 3 of the table in paragraph (3) substitute the words "The Bolan Pass, Rindli, and the lands occupied by the Quetta Nushki Railway east of the Chagai district boundary."

Ziarat, the 1st July 1903.

No. 1095-Z.—In exercise of the powers conferred by section 1, sub-section (4), of the Frontier Crimes Regulation, 1901 (III of 1901), as applied to the territories administered by the Agent to the Governor-General in Baluchistan as such Agent, and with the previous sanction of the Governor-General in Council, the said Agent, is pleased to declare the following classes of persons, not being European British subjects, to be subject to the whole of such sections of the said Regulation as are not of general application, namely:—

- (1) All persons born or ordinarily resident
 - (a) in any local area to which the said Regulation for the time being extends or has been applied and in which all or any of its provisions, or its provisions as applied, are for the time being in operation or
 - (b) in any other local area not forming part of British India, bordering on the territories for the time being administered by the Chief Commissioner of British Baluchistan or by the Agent to the Governor-General in Baluchistan as such Agent, or situate within or bordering on any part of the dominions of His Highness the Khan of Kalat, or
 - (c) in any part of Afghanistan or Persia;
- (2) All persons dependent upon persons of the preceding classes whether as tenants, servants, clansmen or retainers of any kind; and
- (3) All persons accused of being jointly concerned in the commission or abetment of an offence with persons of the preceding classes.

By order,

W. S. DAVIS,
First Assistant.

CHIEF COMMISSIONER OF BRITISH BALUCHISTAN.

NOTIFICATION.

Ziarat, the 1st July 1903.

No. 1096-Z.—In exercise of the powers conferred by section 1 sub-section (4), of the Frontier Crimes Regulation, 1901 (III of 1901) as extended to British Baluchistan and with the previous sanction of the Governor-General in Council, the Chief Commissioner is pleased

to declare the following classes of persons, not being European British subjects, to be subject to the whole of such sections of the said Regulation as are not of general application, namely:—

- (1) All persons born or ordinarily resident
 - (a) in any local area to which the said Regulation for the time being extends, or has been applied and in which all or any of its provisions, or its provisions as applied, are for the time being in operation, or
 - (b) in any other local area, not forming part of British India, bordering on the territories for the time being administered by the Chief Commissioner of British Baluchistan or by the Agent to the Governor General in Baluchistan as such Agent or situate within or bordering on any part of the dominions of His Highness the Khan of Kalat, or
 - (c) in any part of Afghanistan or Persia.
- (2) All persons dependent upon persons of the preceding classes whether as tenants, servants, clansmen or retainers of any kind; and
- (3) All persons accused of being jointly concerned in the commission or abetment of an offence with persons of the preceding classes.

By Order,

W. S. DAVIS,
Secretary to Chief Commissioner.

THE HON'BLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER IN BALUCHISTAN.

NOTIFICATION.

Ziarat, the 2nd July 1903.

No. 1106-Z.—In exercise of the powers conferred on him by section 8 of the Baluchistan Agency Forest Law and by section 8 of the British Baluchistan Forest Regulation No. V of 1890, the Hon'ble the Agent to the Governor-General and Chief Commissioner in Baluchistan is pleased with reference to all State Forests in Baluchistan and all trees within the radius of one mile of the Post office at Ziarat, to make the following rule:—

No fire should be lighted within 10 feet of a tree trunk and all fires lit near trees of any kind should be carefully extinguished as soon as they have served their purpose, and no fire should be left alight and untended.

By order,

W. S. DAVIS,
First Assistant.

THE RESIDENT AT BARODA.

NOTIFICATION

Baroda Residency, the 30th June 1903.

No. 9879.—In exercise of the power conferred by section 3, sub-section (1), of the Cantonments (House-Accommodation) Act, 1902 (11 of 1902), as applied to the Cantonment of Baroda by the Notification of the Government of India in the Foreign Department No. 2702-I. A., dated the 12th June 1903, and with the previous sanction of the Governor-General in Council, the Resident at Baroda is pleased to declare that the said Act shall be operative in so much of the said Cantonment as comprises the sites of the Bungalows numbered 4, 5, 6, 7, 8, 9, 10, 13, 14, 21, 23, 24, and 26, respectively.

M. J. MEADE, Lt.-Colonel,
Resident at Baroda.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA IN THE PUBLIC WORKS DEPARTMENT.

Mount Abu, the 1st July 1903.

No. 3222-S.—In accordance with the provisions of section 25 of the Municipalities Regulation V of 1886, the Hon'ble the Chief Commissioner of Ajmer-Merwara is pleased to notify that Mr. James of the Beawar Mission has been elected a Member of the Municipal Committee, Beawar, with effect from the 27th May 1903, *vice* Pastor B. N. Paul, resigned.

G. G. WHITE, M.I.C.E.,
Secretary to Chief Commissioner, Ajmer-Merwara,
P. W. D.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 1st Battalion, Royal Warwickshire Regiment of Infantry, dated at Belgaum, this 4th day of July 1903.

Number, Rank, and Name,—7441, Private Joseph Hudson.	Place of enlistment,—Fort St. George, Madras.
Age,—21 years 3 months.	Parish and County in which born,—Madura, Madras.
Height,—5 feet 6 inches.	Date of desertion or absence,—22nd June 1903.
Colour of—Complexion, fresh; hair, fair; eyes, grey.	Place of desertion or absence,—Belgaum.
Trade,—Fitter.	Marks,—British and American flags surmounted by a crown and resting on cannons tattooed on left forearm.
Date of enlistment,—1st October 1900.	Under three years' service.

L. E. MORRICE Major,
Commanding 1st Royal Warwickshire Regiment.

POST OFFICE.

NOTIFICATIONS.

Simla, the 1st July 1903.

No. 690 S-4p.—The following acting appointments are made with effect from the 18th June 1903 during the absence on deputation of Mr. C. J. Hogg, Superintendent of Post Offices, 1st grade, or until further orders:—

Mr. R. Bean, Superintendent of Post Offices, 2nd grade, to act in the 1st grade;
Mr. A. B. Thompson, Superintendent of Post Offices, 3rd grade, to act in the 2nd grade.

The 3rd July 1903.

No. 704-S-4p.—The following permanent appointments are made, *vice* Mr. I. G. J. Hamilton, Superintendent of Post Offices, 1st grade, appointed Deputy Postmaster General, 1st grade:—

Mr. A. R. Amman, Superintendent of Post Offices, 2nd grade, to be Superintendent of Post Offices, 1st grade,	with effect from 16th April 1903.
Lala Raj Narayan, Superintendent, Railway Mail Service, officiating in the 2nd grade to be confirmed in that grade.	
Mr. H. M. Abdul Gany, B.A., Superintendent of Post Offices, officiating in the 3rd grade, to be confirmed in that grade.	
Babu Tinkari Roy to be Superintendent of Post Offices, 4th grade, with effect from the date on which he assumes charge of a division.	

The 4th July 1903.

No. 714-S-4p.—Mr. H. M. Richardson, sub. *pro tem*. Superintendent of Post Offices, 2nd grade, is granted privilege leave for 2 months, with effect from the 1st August 1903, or from the date on which he may avail himself of it.

Babu Gagan Chandra Ghosh is appointed to act as Superintendent of Post Offices, 4th grade, during the absence on privilege leave of Mr. H. M. Richardson, or until further orders.

The 7th July 1903.

No. 720-S-4p.—Mr. R. S. Burns, Superintendent of Post Offices, 1st grade, is granted privilege leave for three months, combined with furlough out of India for one year and five days, with effect from the 2nd August 1903, or from the date on which he may avail himself of it.

Mr. H. J. Hebbard is appointed to act as Superintendent of Post Offices, 4th grade, during the absence on privilege leave of Mr. R. S. Burns, or until further orders.

H. M. KISCH,

Officiating Director-General of the Post Office of India.

DIRECTOR OF RAILWAY TRAFFIC.

NOTIFICATION.

Simla, the 4th July 1903.

No. 29.—Mr. S. E. Stuart William, Assistant Traffic Superintendent in class II grade 2 of the Superior Revenue establishment of State Railways, is appointed to officiate as District Traffic Superintendent on the Oudh and Rohilkhand Railway in class II of the establishment, with effect from the 1st May 1903, during the absence of Mr. Schembry on leave, or until further orders.

G. F. WILSON, Colonel, R.E.,

Director of Railway Traffic.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

POWERS.

Peshawar, the 15th June 1903.

No. 119-I.—Under the provisions of section 58 (1) of the North-West Frontier Province Law and Justice Regulation, No. VII of 1901, Captain F. C. Nicolas, Assistant Commissioner, is invested with the powers of a Munsif of the 2nd class with respect to cases generally within the limits of the Civil District of Hazara.

2. The Hon'ble the Chief Commissioner is pleased to direct that Captain Nicolas be deemed, for the purposes of the said Regulation, to be a Munsif.

No. 119-J.—Under the provisions of section 12 of the Code of Criminal Procedure 1898, Captain F. C. Nicolas, Assistant Commissioner, is appointed a Magistrate of the 1st class in the Hazara District.

The 24th June 1903.

No. 128-A.—In accordance with the provisions of section 40 of Act II of 1886, Mr. Hussain Bakhsh, Extra Assistant Commissioner, is hereby appointed, within the limits of the districts to which he may from time to time be posted, to exercise the powers conferred and to perform the duties imposed by sections 25, 26, 28 and 32 of the said Act as Collector.

EXAMINATION.

The 2nd July 1903.

No. 133.—The gentlemen named in the statement below have been declared by the Central Committee of Examination to have passed the Departmental Examination prescribed for Assistant and Extra Assistant Commissioners in the Punjab, which was held on the 2nd July 1903.

Lahore on the 20th April 1903, and following days, in the groups and by the standards noted:—

NAMES.	Group A.	Group B.	Group C.	Group D.
OFFICIATING EXTRA ASSISTANT COMMISSIONER. Sardar Sultan Asad Jan	Higher Standard.	...	...	...
CANDIDATES FOR THE POST OF EXTRA ASSISTANT COMMISSIONER. Arbab Wali Muhammad Khan	...	Higher Standard.	...	...

TRANSFER AND APPOINTMENT.

The 2nd July 1903.

No. 134.—On relinquishing charge of the Nowshera sub-division of the Peshawar District, Mian Husain Bakhsh, Extra Assistant Commissioner, is transferred to the Mardan Sub-Division of that district, where he assumed charge of his duties on the afternoon of the 24th June 1903, relieving Mir Alam Khan, who reverts to his substantive appointment of Tahsildar.

LEAVE.

The 3rd July 1903.

No. 135.—The privilege leave granted to Wazirzada Muhammad Akram Khan, Extra Assistant Commissioner, in Notification No. 86, dated 8th May 1903, is extended by a period of five days.

RESUMPTION OF CHARGE.

The 3rd July 1903.

No. 136.—On return from the privilege leave of absence granted to him in Notifications Nos. 86 and 135, dated, respectively, the 8th May and 3rd July 1903, Wazirzada Muhammad Akram Khan, Extra Assistant Commissioner, resumed charge of the duties of Treasury Officer, Kohat, on the afternoon of the 6th June 1903, relieving Mr. E. Tej Bhan, Extra Assistant Commissioner, transferred.

By order,

A. H. GRANT,

Secretary to the Chief Commissioner,
N.-W. F. Province.

APPOINTMENTS.

Nathiaigalli, the 2nd July 1903.

No. 173.—Mr. F. W. Johnston, I.C.S., Political Agent, Wana, is appointed to officiate as Secretary to the Chief Commissioner and Agent to the Governor General, North-West Frontier Province, *vice* Mr. A. H. Grant appointed temporarily to the Political Department of the Government of India, and assumed charge of his duties on the afternoon of the 30th June 1903.

Peshawar, the 4th July 1903. ●

No. 137.—Captain A. E. McBarnett, D.S.O., I.A., 5th Panjab Cavalry, who has been appointed to be Reserve Officer with the Frontier Irregular Corps in the North-West Frontier Province, is posted to the Southern Waziristan Militia as Reserve Officer of that Corps, and assumed charge of his duties on the forenoon of the 13th June 1903.

No. 138.—Captain A. E. McBarnett, D.S.O., I.A., Reserve Officer, Southern Waziristan Militia, is appointed to officiate as 2nd-in-Command of that Corps, with effect from the 13th June 1903, *vice* Captain A. Le G. Jacob, D.S.O., I.A., appointed to officiate as Commandant of the Northern Waziristan Militia.

By order,

F. W. JOHNSTON,

Offg. Secretary to the Chief Commissioner,
N.-W. F. Province.

REVENUE COMMISSIONER—NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

COMMITTEES.

Peshawar, the 1st July 1903.

No. 722-A.—Under the provisions of section 11 (1) (c) of the Punjab Municipal Act, XX of 1891, the Hon'ble the Chief Commissioner is pleased to remove the District Inspector of Schools, Hazara, from his office as Member of the Municipal Committee of Haripur in the Hazara District, on the ground that his continuance in office is unnecessary.

No. 723-A.—In accordance with the provisions of section 18, Act XIX of 1891 (The Punjab Municipal Act), it is hereby notified that the Deputy Commissioner, Hazara, is appointed, under section 15, sub-section (1) of the said Act, President of the Municipal Committees of Haripur, Abbottabad, Nawashahr, and Baffa in the Hazara District.

M. F. O'DWYER,

Revenue Commissioner, N.-W. F. Province.

The 1st July 1903.

No. 724-A.—In accordance with the provisions of section 18, Act XX of 1891 (The Punjab Municipal Act), it is hereby notified that the following persons are appointed, under section 5, sub-section 2 of the said Act, Members of the Municipal Committee of Haripur in the Hazara District:—

Ex-Officio.

The Deputy Commissioner, Hazara.

The Tahsildar of Haripur.

Assistant Surgeon, Haripur.

The Head Master, Board School, *vice* District Inspector of Schools, Hazara, removed.

The Assistant Commissioner or senior Extra Assistant Commissioner, Hazara.

Non-Official.

Mehta Guldip Chand.

Kahan Singh.

Bira Shah.

Kazi Fazl Ilahi.

Mir Afzal Khan.

Jamal Din.

Malak Bala.

Baba Jit Singh.

Duni Chand Gulkati.

Sewa Ram.

Rahmat Ulla Khan.

Kazi Abdulla Khan: New Member.

Re-appointed.

RAHIM BAHKSH, P. A.

for Revenue Commissioner, N.-W. F. Province.

The 1st July 1903.

No. 725-A.—Under the provisions of section 11 (1) (c) of the Punjab Municipal Act, XX of 1891, the Hon'ble the Chief Commissioner is pleased to remove the Treasury Officer of Hazara from his office as Member of the Municipal Committee of Abbottabad in the Hazara District, on the ground that his continuance in office is unnecessary.

M. F. O'DWYER,

Revenue Commissioner, N. W. F. Province.

The 1st July 1903.

No. 726-A.—In accordance with the provisions of section 18, Act XX of 1891 (The Punjab Municipal Act), it is hereby notified that the following persons are appointed, under section 5, sub-section 2 of the said Act, members of the Municipal Committee of Abbottabad, in the Hazara District:—

Ex-Officio.

The Deputy Commissioner, Hazara.
The Assistant Commissioner or senior Extra Assistant Commissioner, *vice* Treasury Officer, Hazara, removed.
The Assistant Surgeon, Abbottabad.
The Tahsildar, Abbottabad.
The District Inspector of Schools, Hazara.

Non-Officials.

Yasin Khan—Re-appointed.
Mr. Ahmad, Pleader—New Member.
Seth Abdul Hassan. } Re-appointed.
Seth Adamji. }
Parma Nand, Barrister-at-Law. } New Members.
Kishen Dial. }
Rup Lal. } Re-appointed.
Chhaju Mal. }
Maya Shah. } New Members.
Narain Singh. }

No. 727-A.—In accordance with the provisions of section 18, Act XX of 1891 (The Punjab Municipal Act), it is hereby notified that the following persons are appointed, under section 5, sub-section 2 of the said Act, members of the Municipal Committee of Nawashahr, in the Hazara District:—

Ex-Officio.

The Deputy Commissioner, Hazara.
The Tahsildar, Abbottabad.
The Assistant Commissioner or senior Extra Assistant Commissioner, Hazara.

Non-Officials.

Sukhdial Shah. } Re-appointed.
Tirathmal Koh. }
Rup Chand Sethi. } New Members.
Kishen Das Chawla. }
Saadat Khan.—Re-appointed.
Mirzaman Khan. } New Members.
Abdul Rahman. }

No. 728-A.—In accordance with the provisions of section 18, Act XX of 1891 (The Punjab Municipal Act), it is hereby notified that the following persons are appointed, under section 5, sub-section 2 of the said Act, members of the Municipal Committee of Baffa, in the Hazara District:—

Ex-Officio.

The Deputy Commissioner, Hazara.
The Tahsildar, Mafdan.
The Assistant Commissioner or senior Extra Assistant Commissioner.

Non-Officials.

Alam Khan. } Re-appointed.
Khodi Khan. }
Lakhi Shah.—New Member.
Hira Mal. } Re-appointed.
Mangal Sain. }
Said Gul Khan.—New Member.

RAHIM BAKHSH, P. A.
for Revenue Commissioner,—N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE, PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

STATEMENT NO. I.

Irrigation operation Statement of Rabi, 1902-1903, for Swat River Canal.

District.	Of the District.			Culturable area commanded by Canals in acres.	Culturable area at present irrigable by Canals in acres.	Area irrigated in Acres.		Rainfall in Rabi Months (Inches).												Total.
								Comparison with last year.	October.	November.	December.	January.	February.	March.	1902-03.	1901-02.	1902.	1901.	1902.	1901.
1	2	3	4	5	6	7	8	Increase.	Decrease.	1902.	1901.	1902.	1901.	1902.	1901.	1902.	1901.	1902.	1901.	1902.
Peshawar	1,668,678	1,243,225	889,641	155,153	155,153	107,167	101,045	6,122	...	0.79	1.34	...	...	...	...	0.99	...	...	...	4.47
Total Swat River Canal.	...	...	...	155,153	155,153	107,167	101,045	6,122	...	...	...	...	...	...	...	...	...	...	...	...

J. BENTON,
Secy. for Irrigation, N.W. Frontier Province.

LANORE:
The 4th July 1903.

NORTH-WEST FRONTIER PROVINCE, PUBLIC WORKS DEPARTMENT,
IRRIGATION BRANCH.

STATEMENT NO. II.

Irrigation operations of the Rabi Crop of 1902-1903, Swat River Canal. Statement in
acres of crops irrigated in the Canal District of Peshawar.

Description of Crops.	Peshawar.
	2
Wheat	76,888
Barley	11,186
Gram	13
Rape	5,254
Miscellaneous	13,826
Total Rabi, 1902-1903	107,167
Total Rabi, 1901-1902	101,045
Increase in 1902-1903	6,122
Decrease in 1901-1903 . . . . .	...

LAHORE;
The 4th July 1903J. BENTON,
Secy. for Irrigation, N.-W. Frontier Province.

II C .

NORTH-WEST FRONTIER PROVINCE, PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH.

STATEMENT NO. III.

Comparative Statement of Irrigation and Rainfall for the years 1901-1902 and 1902-1903 in the Peshawar District, irrigated by the Swat River Canal.

Civil District.	Of the Civil District.				Culturable area commanded by Canals in acres.	Culturable area at present irrigable by Canal in acres.	Area Irrigated.								Mean District Rainfall.				
	Population.	Total area in acres.	Culturable area in acres.	Cultivated area in acres.			Kharif, 1902.		Rabi, 1902-1903.		Whole year 1902-03.		Percentage of increase, 1902-1903.	1901-1902.	1902-1903.	Percentage of increase.			
							In comparison with 1901.		In comparison with 1901-1902.		In comparison with 1901-1902.								
							Increase.	Decrease.	Total area in acres.	Increase.	Decrease.	Total area in acres.					Increase.	Decrease.	
Peshawar	788,707	1,668,678	1,243,225	889,441	155,153	155,153	66,605	9,821	107,167	6,122	173,773	15,943	15	16	17	18	19	20	1189
Total Swat Canal.	...	...	...	...	155,153	155,153	66,605	9,821	107,167	6,122	173,773	15,943	...	...	1010	...	...	...	...

J. HENTON,
Secy. for Irrigation, N.-W. Frontier Province.

LAWRENCE;
The 4th July 1903.

DARJEELING GOVERNMENT CEMETERY.

Notice is hereby given under the provisions of Rule XX of the Government of India Notification No. 178, dated Simla, the 21st May 1897, that the following unendowed monuments in the above Cemetery have fallen into a ruinous condition and should no person, or persons, be found who will undertake to repair or restore them, or any of them, they will severally be dealt with at the next annual repairs of the Cemetery in such manner as the Officer in charge of the Cemetery may decide to be necessary for the maintenance of the Cemetery in decent order:—

No. of grave.	Name of deceased.	Date of death.	Name and address of relatives.
8	Jennie, daughter of John and Hebe Page	20th April 1869	Unknown.
9	T. H. Hodgetts, Esqre.	5th July 1860	Ditto.
16	Alexander Mackenzie	31st March 1875	Ditto.
14	Mrs. Erssa Parsons, wife of Conductor Parsons, Commissariat Department	30th April 1862	Ditto.
17	Samuel Smith and Frances, his wife	6th April 1861	Ditto.
13	Lieutenant F. A. Jeune, 25th Bengal Infantry	14th September 1861	Ditto.
34	A pucca grave.	31st March 1856	Ditto.
42	Ditto.	No information in record.	
44	R. S. Bird, Esqre., late Assistant Surgeon, 20th Native Infantry	Ditto.	
45	Susan, wife of Captain S. Murphy, 52nd Light Infantry	19th April 1847	Unknown.
52	Christina, daughter of Mr. and Mrs. J. Cormack	6th July 1863	Ditto.
53	Sarah, wife of Sergeant C. N. Cutchen, Sappers and Miners	22nd June 1864	Ditto.
	Also Hannah, second wife of above- also 2 children of above	25th April 1844	Ditto.
55	W. A. Hay, Esqre., B.S.C.	14th November 1848	Ditto.
56	Thomas John Saunders	31st October 1843	Ditto.
57		17th March 1846	Ditto.
58		No information in record.	
64		Ditto	
68	Mrs. Westcombe, wife of Captain W. Bruce, Indian Navy	Ditto	
64	Captain R. Taylor, 65th Regiment, Native Infantry	17th September 1842	Unknown.
70	Alexr. Ross Morton, Esqre., Bengal Medical Service	21st June 1844	Ditto.
72		6th July 1841	Ditto.
73	Major-General E. H. Simpson	No information in record.	
96	Frederick, son of Major G. R. Roberts	30th September 1845	Unknown.
118	Wife of Private W. Davis, Grenadier Company, 80th Regiment	25th September 1846	Ditto.
82	Jane Ellen, wife of Major C. H. Burt, 64th Regiment, Native Infantry	Unknown	Ditto.
		28th November 1853	Ditto.

T. E. F. COLE,

Chaplain of Darjeeling,
Officer in charge Darjeeling Government Cemetery.DARJEELING,
The 18th June 1903.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal:—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen.

5. Press workers.
6. Photo-Mechanical workers.
7. Mechanical apprentices.
8. Metal and wood carvers.

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

H C 2

RUINED MONUMENTS, MILITARY CEMETERY, FEROZEPORE.

NOTIFICATION.

Ferozepore, the 29th June 1903.

Under Rule XX of the Circular of the Government of India No. 178, as amended, in Notification No. 449, dated 1st October 1902, the following list of names on certain monuments in the Military Cemetery at Ferozepore, Punjab, which have fallen into disrepair and ought to be levelled, is herewith published :—

1. Ann Irwin, wife of Joseph Irwin; died September 19th, 1862.
2. Ellen May Nolan; died September 16th, 1856.
3. Sergt. Ralph Murphy, 87 R. I. Fusiliers; August 16th, 1850.
4. James Page; died 1862.
5. Michael Mooney; H. M. 24th Regiment, September 4th, 1860.
6. Robert Richmond
Thomas Madden } 1st Battalion, Royal Fusiliers, died October 1862.
Joseph Tilley
John Martin
7. Pte. Peter McLaughlin, 4th Battalion, 60th Rifles, died 22nd August 1884.
8. James Coakley, 1 R. Fusiliers, 10th June 1865.
9. Pte. M. Flattery, 7th April 1857.
James White, 12th " "
Michl. Walsh, 14th " "
Jas. Cinnamon, 29th " "
Is. Gordon, 10th June " "
Patk. Doolan, 11th " "
Is. Sidewart, 25th " "
Geo. Hurst, 28th " " } H. M. 61st Regiment.
10. Denis Hayes, 24th September 1851; No. 10 Co., H. M. 87th R. I. Fusiliers.
11. Patrick Connolly, 19th May 1856, R. I., Fusiliers.
12. Diana, daughter of John and Elizabeth Bruce, H. M. 24th Regiment; 21st June 1849.
13. Thomas Henry Lamb, son of Col.-Sergeant Chas. and Susan Lefevre, 5th Fusiliers; 24th June 1868.
14. James K. Kearney; 22nd April 1871.
15. Corpl. J. Roles, 39th Regiment, 23rd June 1870.
16. Maude Mary, daughter of Sergt. J. and Anne Aldington; 81st Regiment, died 1880.
17. Surgeon H. S. Parker, M. S.; died August 1st, 1886.
18. Sarah, wife of Daniel Carey, 39th Regiment, died 8th July 1872.
19. Thomas, son of Thos. and Mary Toole, 39th Regiment, died May 14th, 1871.

H. T. WHEELER,

Chaplain

MILITARY ACCOUNTS DEPARTMENT.

NOTIFICATION.

Simla, the 6th July 1903.

No. 14.—The undermentioned officer is granted furlough out of India :—

Lieutenant Colonel J. G. Downing, I. A., Controller of Military Accounts (m. a.)
for five months, under rule 6 of the Regulations of 1875.

W. R. L. ANDERSON, Colonel,

Accountant General, Military Department

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATIONS.

Agra, the 3rd July 1903.

No. 85.—Mr. Muhammad Shakur Bakhsh Kadri, Superintendent of the Dera Ghazi Khan Circle in the Upper Division, Internal Branch, is granted privilege leave for six days in extension of the period sanctioned in Notification No. 63, dated 3rd June 1903.

The 4th July 1903.

No. 88.—Consequent on the return from leave of Mr. Muhammad Shakur Bakhsh Kadri, Superintendent, Dera Ghazi Khan Circle of the Upper Division, Internal Branch, Saiyad Kasim Husain, Officiating Assistant Superintendent, 2nd grade, reverted to his substantive appointment as Inspector, 3rd grade, from the 16th June 1903.

R. M. DANE,

Commissioner, Northern India Salt Revenue.

SURVEY OF INDIA.

NOTIFICATION.

Simla, the 7th July 1903.

No. 276.—The following temporary promotions are made with effect from the 19th May 1903, *vice* Major G. B. Hodgson, I. A., Superintendent, 1st grade, on furlough :—

Mr. T. A. Pope, Superintendent, 2nd grade, to officiate as Superintendent, 1st grade.

Captain H. A. D. Fraser, R.E., Deputy Superintendent, 1st grade, to officiate as Superintendent, 2nd grade.

Captain G. A. Beazeley, R.E., Deputy Superintendent, 2nd grade, to officiate as Deputy Superintendent, 1st grade.

Lieutenant E. T. Rich, R.E., Assistant Superintendent, 1st grade, to officiate as Deputy Superintendent, 2nd grade.

No. 277.—The following temporary promotions are made with effect from the 21st June 1903, *vice* Mr. C. F. Erskine, Officiating Superintendent, 2nd grade, on furlough :

Captain C. H. D. Ryder, R.E., Deputy Superintendent, 1st grade, to officiate as Superintendent, 2nd grade.

Captain E. A. Tandy, R.E., Officiating Deputy Superintendent, 2nd grade, to officiate as Deputy Superintendent, 1st grade.

Lieutenant A. A. McHarg, R.E., Assistant Superintendent, 1st grade, to officiate as Deputy Superintendent, 2nd grade.

ST. G. GORE, Colonel, R.E.,

Surveyor General of India.

CIVIL ENGINEERING COLLEGE, SIBPUR.

Agricultural Department.

HIGHER AGRICULTURAL CLASS.

SESSION, 1903-1904.

RULES FOR ADMISSION.

For admission to the Higher Agricultural Class, an applicant must have one of the following qualifications :—

- (i) He must have passed the F. E. examination of the Calcutta University, and be under 23 years of age, but no student will be allowed to join the Agriculture class after the expiration of five years from admission into the Engineering College.
- (ii) He must have passed the B.A. examination of the Calcutta University by the B course, or possess other sufficient educational qualifications, be under 23 years of age, and, in addition, have received a nomination from the Bengal Government.
- (iii) He must have had a general education qualifying him to follow the instruction in the Higher Agricultural Class, and must also receive a nomination from Government for admission as a special student. To be eligible for a nomination under this rule, a candidate must either have landed property of his

own, or be recommended by some influential landholder who desires to train him to take part in the management of his estate, or he must otherwise satisfy Government that he intends to make practical use of his agricultural training. Students entering under this rule will be termed Special Agricultural Students. They will not be subject to any maximum limit of age, but will not be entitled to the privileges conferred on passed students under rules 12 and 13, even though they should obtain fully-signed diplomas in due course after passing the necessary examinations.

Every candidate for admission to this Department must apply in writing to the Principal not later than the 14th July. The form of application for a nomination, which must be addressed to the Principal, is given in Appendix B. In the event of the form not being properly filled up, and accompanied by the necessary certificates, no notice will be taken of the application.

The number to be nominated each year will depend on the accommodation available.

Every applicant, not already a student of the College, must undergo a medical examination by the College Surgeon before admission to this Department. If this officer's report is unsatisfactory, the applicant will not be admitted.

The sessions begins on the first Monday in November. All students are required to join the College on that day. Any student prevented by sickness from attending on the opening day must produce a certificate to that effect from a Civil or Assistant Surgeon, failing which he will be liable to a fine not exceeding Rs 10. No student will be admitted or re-admitted to the College after the month of November, except by special orders of the Director of Public Instruction. This permission will only be given under exceptional circumstances.

COURSE OF INSTRUCTION.

The course of instruction in the Higher Agricultural Class will extend over two academic years.

SCHOLARSHIPS.

Senior scholarships awarded in the Engineer Department are tenable in the Agricultural Department.

One graduate scholarship of Rs 30 a month, tenable for one year, will be awarded on the result of the examination held at the end of the first academic year.

APPOINTMENTS.

Two appointments annually are assigned to students holding a fully-signed diploma: one in the Provincial Executive Service and one in the Subordinate Executive Service. The right of selection for these appointments will rest with Government, and the students who gained the highest marks at the examination for diplomas will not necessarily be selected.

Other holders of fully-signed agricultural diplomas, who wish to compete at the examination for admission to the Provincial, Subordinate Executive, and Opium Services, may submit their names through the Principal to Government for nominations. These applications for nominations will be considered, provided the applicants appear to His Honour the Lieutenant-Governor to be otherwise suitable for admission to these services.

ENTRANCE AND TUITION FEES.

Each student in the Higher Agricultural Department will be required to pay an admission fee of Rs 10.

F.E.'s who elect to join the Agricultural Department immediately after passing the F.E. examination are exempted from the payment of this fee, as their names are already borne on the College books.

For the present no tuition fees will be charged to students in the Agricultural Department, except in the case of those joining as special students under rule 3 (iii). The tuition fees for these students will be Rs 8 a month.

Further particulars may be obtained free on application to the Principal.

B. HEATON,

Offg. Principal, Civil Engineering College.

SIGPUR;

The 23rd June 1903.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *viz.* :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
½ "	5	6	6
¼ "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16,	or post-free,	R16-8
1/2 "	R8,	"	R8-6
1/4 "	R4,	"	R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. Rs 1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 18, 1903.

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PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,

Secretary to the Government of India.

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GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 16th July 1903.

NOTIFICATIONS.

No. 2290 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 11th July 1903:—

No. 278 of 1903.—Henry Charles William Hickmott, engineer, 18, Park lane, Calcutta.
A brick-making machine.

No. 279 of 1903.—Charles Beale, gentleman, of the Colonial Club, Whitehall Court, London, England. *Improvements in the method of and appliances for the preservation of food and other perishable matters.*

No. 280 of 1903.—Augustus Henry Murray Driver, engineer, and George Norman, assistant engineer, both of the Birmingham Small Arms Company, Limited, Small Heath, Birmingham, England. *A new method of testing and straightening gun barrels and other tubular articles and in appliances or apparatus to be used in connection therewith.*

No. 281 of 1903.—Augustus Henry Murray Driver, engineer, and George Norman, assistant engineer, both of the Birmingham Small Arms Company, Limited, Small Heath, Birmingham, England. *Improvements in or relating to the boring of the barrels and other parts of small arms and ordnance; also tubes and other analogous articles, and in machinery, tools and appliances to be employed in connection therewith.*

No. 282 of 1903.—James McConechy, gas engineer, of No. 173 A., St. Vincent street, Glasgow, Scotland. *An improved acetylene gas generator and lamp.*

No. 283 of 1903.—Lieutenant-Colonel R. G. Jones, Indian Staff Corps, Military Assistant to the Government of Mysore, Bangalore. *A machine for starting races.*

No. 284 of 1903.—Harry Barker Norton and John Tinson, sanitary engineers, of 1 and 2, Old Court House corner, Calcutta. *A novel updraught ventilating cowl.*

No. 2291 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 297 of 1901.—Neerpayir Kanagasabay Auchary, merchant, No. 184, Rausappah Chetty street, Peddu Naick's Pettah, Black Town, Madras. *A water-lifting machine.* (Specification filed as of 18 November 1902.)

No. 393 of 1902.—Charles Stafford Schultz, engineer, of 12, Dalhousie square, East, Calcutta, British India. *Improvements in trolley heads for electric railways and tramways on the overhead system.* (Specification filed 8 July 1903.)

No. 434 of 1902.—Mirza Akbar Ali Khan, landholder, of Delhi, British India. *An improved water-lift.* (Specification filed 8 July 1903.)

No. 455 of 1902.—Niels Christian Schouboe, engineer, of 96, Østersøgade, Copenhagen, Denmark. *Improvements in railway sleepers of concrete or similar mouldable material.* (Specification filed 4 July 1903.)

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- No. 485 of 1902.—Henry Chitty, electrical engineer, of "Itala," 2, Clifton road, South Norwood, in the county of Surrey, England. *Improvements in dynamo electric machinery.* (Specification filed 8 July 1903.)
- No. 8 of 1903.—Arthur James Hefferan, engineer, of No. 97, Circular Garden Reach road, in the town of Calcutta, in the province of Bengal, and Empire of India. *Improved fire bars.* (Specification filed 8 July 1903.)

No. 2292 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under mentioned inventions for the periods shown against each:—

- No. 271 of 1895.—Theodore Guilleaume. *Improved means for insulating electric conductors.* (From 23 November 1903 to 23 November 1904.)
- No. 92 of 1898.—Charles Hodgson. *An improvement in apparatus for interlocking railway points and signals.* (From 25 August 1903 to 25 August 1904.)
- No. 111 of 1898.—Charles Hodgson. *An improvement in railway signal interlocking apparatus.* (From 25 August 1903 to 25 August 1904.)
- No. 180 of 1898.—Commodore Dhanjibhoj. *Improvements in tongas and other carriages specially applicable for ambulance purposes.* (From 5 July 1903 to 5 July 1904.)
- No. 122 of 1899.—Joseph Charles Gelly. *A hydraulic ram.* (From 22 August 1903 to 22 August 1904.)

No. 2293 P.—WHEREAS the inventor of the under-mentioned invention has failed to pay within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888 the fee hereinafter mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act, the exclusive privilege of making, selling, and using the said invention in British India, and of authorising others so to do, has ceased:—

- No. 367 of 1898.—Palooru Sankaranarayana. *An improved case or box.* (Specification filed 29 March 1899.)

Fee in respect of the continuance of an exclusive privilege—

- 4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof.

The sum of Rs50 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at *Calcutta* to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,
Secretary under the Inventions and
Designs Act, 1888.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 14th July 1903.

LIABILITIES.			ASSETS.		
	R	a p.		R	a p.
Capital paid up	2,00,00,000	0 0	Government Securities	1,41,48,913	0 0
Reserve Fund	1,21,50,000	0 0	Other authorised Investments	46,72,099	0 0
			Loans on Government and other authorised Securities	8,74,83,801	8 2
Public Deposits at Head Office	70,68,703	10 10	Accounts of Credit on Government and other authorised Securities	1,81,32,177	9 6
Public Deposits at Branches	99,42,874	14 8	Bills discounted and purchased	1,66,04,423	0 11
Other Deposits at Head Office and Branches	7,70,23,200	4 10	Balances with other Banks	7,14,837	4 0
Bank Post Bills, etc.	4,60,050	10 11	Bullion	1,203	9 7
Sundries	17,74,634	0 2	Dead Stock	18,08,515	17 9
			Stamps	12,928	15 6
			Sundries	11,82,194	14 9
				8,47,61,153	0 2
			Cash and Currency Notes at Head Office*	2,02,91,556	9 8
			Cash and Currency Notes at Branches†	2,33,66,751	15 5
				4,36,58,308	9 1
RUPES	12,84,19,463	9 3	RUPES	12,84,19,463	9 3

* Includes Govt. and Govt. value Rs 1,16,100 0 0
† Do. do. do. 3,10,305 0 0

Rs 4,36,405 0 0

By order of the Directors,

BANK OF BENGAL,
Calcutta, 16th July 1903.

H. F. FRESHWATER,
Offg. Chief Accountant.
Rate for Demand Loans 4 per cent.
Percentage 45·35.

A. M. LINDSAY,
Offg. Secretary and Treasurer

BANK OF BENGAL.

NOTICE.

Calcutta, the 16th July 1903.

The Annual General Meeting of the Proprietors and Shareholders of the Bank of Bengal will be held at the Bank on Monday, the 3rd proximo, at 10-15 A.M., for the transaction of the following business:—

- I. To receive the Directors' report and the audited accounts up to 30th June 1903.
- II. To elect two Directors in the room of Mr. W. R. T. Aitken and Mr. J. C. Shorrocks, who go out by rotation, but who are eligible for re-election.
- III. To elect two Auditors and to fix their remuneration.

By order of the Directors,

A. M. LINDSAY,

Offg. Secretary and Treasurer.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 17th July 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 15th July 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as Security for notes under Act VIII of 1900.	TOTAL.
	₹	₹	₹	₹	₹	₹	₹	₹
Calcutta	3,17,50,000	12,19,45,705	15,37,00,705	6,13,72,747	6,74,89,006	...	...	12,88,62,653
Allahabad	...	2,63,37,260	2,63,37,260	1,22,61,231	7,43,430	...	...	1,30,06,661
Lahore	...	2,66,56,680	2,66,56,680	22,35,176	10,57,545	...	...	32,96,021
Bombay	1,26,84,875	8,52,54,045	9,79,36,970	1,05,34,176	5,63,28,673	...	...	7,28,00,849
Karachi	...	1,16,96,325	1,16,96,325	33,36,338	16,11,052	...	...	49,48,290
Madras	30,26,440	3,08,82,415	3,39,08,855	97,96,430	1,31,21,820	...	...	2,23,18,250
Calicut	...	1,651,200	1,651,200	9,34,630	1,11,240	...	...	10,45,870
Rangoon	...	1,39,04,070	1,39,04,070	1,87,02,675	6,23,205	...	...	1,93,25,880
	4,74,71,315	31,82,49,750	36,58,21,065					
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of issue			1,56,643					
TOTAL R			35,36,64,420	12,45,76,703	14,10,67,772	...	...	26,56,64,474
Deduct—Amount due on Bills drawn by one circle on another								Nil.
NET TOTAL R								26,56,64,474
Price paid for Government Securities of the nominal value of ₹10,90,81,500 held under Section 19 of the Indian Paper Currency Act XX of 1882								9,99,09,946
GRAND TOTAL R								36,56,64,420

O. T. BARROW,
Head Commissioner of Paper Currency.

SURVEY OF INDIA.

NOTIFICATIONS.

Simla, the 11th July 1903.

No. 278.—The following temporary promotion is made with effect from the 25th February 1903, *vice* Mr. I. H. Rendell, on furlough:—
Babu Amar Singh, Sub-Assistant Superintendent, 1st grade, to officiate as Extra Assistant Superintendent, 6th grade.

No. 279.—Mr. H. W. Biggie, Extra Assistant Superintendent, 4th grade, is brought on to the effective list with effect from the 25th March 1903, the date on which he rejoined this Department on return from deputation in Siam, and the following reversion is made with effect from the same date:—

Babu Amar Singh, Officiating Extra Assistant Superintendent, 6th grade, to revert to his substantive appointment of Sub-Assistant Superintendent, 1st grade.

No. 280.—The following promotion is made with effect from the 1st May 1903, *vice* Mr. H. R. Hunter, Sub-Assistant Superintendent, and grade, resigned:—

Mr. F. W. Marten, Sub-Assistant Superintendent, 3rd grade, to be Sub Assistant Superintendent, 2nd grade.

The 13th July 1903.

No. 281.—Mr. M. Gastaud, Extra Assistant Superintendent, 5th grade, is granted privilege leave for two months and 13 days under Article 260, Civil Service Regulations, with effect from 13th July 1903, or the subsequent date on which he may avail himself of the same.

No. 282.—Mr. S. S. Mc A'Fee Fielding, Sub-Assistant Superintendent, 2nd grade, is granted privilege leave for one month, under Article 260, Civil Service Regulations, with effect from 15th July 1903, or any subsequent date on which he may avail himself of it.

ST. G. GORE, Colonel, R.E.,
Surveyor General of India.

INDIAN MUSEUM.
INDUSTRIAL SECTION.

NOTIFICATION.

Calcutta, the 16th July 1903.

No. 165-I.—In continuation of this office Notification No. 144—11, dated the 6th July 1903, Mr. J. Weinberg is appointed, with effect from the 15th July to the 14th August 1903, to take charge of the duties of the Curator of the Indian Museum, Industrial Section, during the absence of Mr. D. Hooper on privilege leave.

By order,

I. HENRY BURKILL,
Secretary to the Trustees.

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. 6. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

THE AGENT TO THE GOVERNOR GENERAL IN BALUCHISTAN.

ADDENDA.

Quetta, the 6th July 1903.

No. 3494.—The Hon'ble the Agent to the Governor General in Baluchistan is pleased to make the following additions to the rules for the regulation of stage carriages published under this office Notification No. 5826, dated the 7th October 1902 :—

Paragraph 8.—Add—

5. Loralai to Duki *via* Sinjawi Miles.
38½

Paragraph 10.—Between "Loralai to Torkhan" and "Harnai to Torkhan" enter—

	Single journey.	Return journey.
Loralai to Duki <i>via</i> Sinjawi	R 13	R 20

By order,

C. B. WINTER, Captain,
Second Assistant.

CHIEF COMMISSIONER IN BRITISH BALUCHISTAN.

ADDENDA AND CORRIGENDA.

Quetta, the 6th July 1903.

No. 3495.—The Hon'ble the Chief Commissioner of British Baluchistan is pleased to make the following additions and alterations in the rules for the regulation of stage carriages published under this office Notification No. 6827, dated 7th October 1902 :—

Paragraph 8.—After "day" insert comma and add the following—

"With the exception of the stage noted below :—

Loralai to Duki *via* Sinjawi Miles.
38½

Paragraph 10.—Against "Harnai to Duki" for R "12" and "18" respectively, read—
"14" and "21."

Between "Loralai to Torkhan" and "Harnai to Torkhan" enter—

	Single journey.	Return journey.
Loralai to Duki <i>via</i> Sinjawi	R 13	R 20
Sinjawi to Duki	8	11

By order,

C. B. WINTER, Captain,
Secretary to the Chief Commissioner.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen.

5. Press workers.
6. Photo-Mechanical workers.
7. Mechanical apprentices.
8. Metal and wood carvers.

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATIONS.

Agra, the 6th June 1903.

No. 64.—Mr. F. D. Reid, Superintendent of the Bahadur Khel Depot in the Kohat Salt Mines Division, is granted privilege leave for two months from the 21st June 1903.

No. 65.—Mr. P. A. Kirwan, Inspector, 2nd grade, is appointed to officiate as Assistant Superintendent, 2nd grade, from the 21st June 1903, during the absence on privilege leave of Mr. F. D. Reid, Superintendent, or until further orders.

The 18th June 1903.

No. 70.—Mr. P. C. Scott O'Connor, Superintendent of the Farrukhabad Circle in the Upper Division, Internal Branch, is granted privilege from one month from the 7th July 1903.

No. 71.—Lala Hardayal Singh, Inspector of the Farrukhabad Circle in the Upper Division, Internal Branch, is appointed to officiate as Assistant Superintendent, 2nd grade, from the 7th July 1903, during the absence on privilege leave of Mr. P. C. Scott O'Connor, Superintendent.

The 11th July 1903.

No. 93.—Consequent on the return from leave of Mr. D. M. Smith, Officiating Superintendent, Mr. P. A. Kirwan, Officiating Assistant Superintendent, 2nd grade, reverted to his substantive appointment as Inspector, 2nd grade, from the 16th June 1903.

R. M. DANE,

Commissioner, Northern India Salt Revenue.

POST OFFICE.

NOTIFICATIONS.

Simla, the 8th July 1903.

No. 734-S-*Ap*.—The following permanent appointments are made, with effect from the 1st February 1903 :—

Lala Hira Lal, Superintendent of Post offices, sub. *pro tem.* in the 3rd grade, to be confirmed in that grade.

Mr. Niaz Kutb, M.A., temporary Superintendent of Post offices, 4th grade, to be permanent Superintendent of Post offices, 4th grade.

Mr. S. Allsop, sub. *pro tem.* Superintendent of Post offices, 4th grade, is appointed to be temporary Superintendent of Post offices, 4th grade, with effect from the 1st June 1903.

The 13th July 1903.

No. 768-S-*Ap*.—The following appointments are made with effect from the 27th June 1903, *vice* Lala Sanwal Das Ramasnehi, Superintendent of Post offices, 2nd grade, deceased :—

Mr. W. A. Roussac, Superintendent of Post offices, officiating in the 2nd grade, to be confirmed in that grade ;

Mr. C. Rose, Superintendent of Post offices, officiating in the 3rd grade, to be confirmed in that grade ;

Babu Jogesh Chandra Banerji, B.A., Officiating Superintendent of Post offices, 4th grade, to be permanent Superintendent of Post offices, 4th grade.

No. 773-S-*Ap*.—Mr. J. R. Webster, Superintendent of Post offices, 2nd grade, is appointed to act in the 1st grade, with effect from the 17th June 1903, during the absence on leave of Mr. G. E. Rose, Superintendent of Post Offices, 1st grade, or until further orders.

Babu Madan Mohun Lal, B.A., is appointed to act as Superintendent of Post offices, 4th grade, until further orders with effect from the date on which he assumed divisional charge.

H. M. KISCH,

Officiating Director-General of the Post Office of India.

THE HONOURABLE THE RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 25th June 1903.

To regulate the Transport, Manufacture, Possession, and Sale of Explosives.

No. 2082.—In exercise of the powers conferred by sections 5 and 7 of the Indian Explosives Act (IV of 1884), as applied to the Civil and Military Station of Bangalore, the Hon'ble the Resident in Mysore, with the previous sanction of the Governor General in Council, is pleased to make the following rules to regulate the transport, manufacture, possession, and sale of explosives in the Civil and Military Station of Bangalore and on the Railways in Mysore under British Jurisdiction.

Nothing in these Rules shall apply to the packing or transport of capped safety cartridges, if otherwise empty or to the manufacture, possession, use, sale, transport, or importation of any explosive—

(a) by order of the Government, or

(b) by any person employed under the Government in the execution of the Indian Explosives Act, 1884 (IV of 1884), or as a keeper of a magazine, artizan, soldier, sailor, policeman, or otherwise, or enrolled as a volunteer under the Indian Volunteers Act, 1869 (XX of 1869), in the course of his employment or duty as such.

PRELIMINARY.

For the purposes of these rules explosives shall be classified as follows, namely:—

Class 1	Gunpowder.
Class 2	Nitrate-mixture.
Class 3	Nitro-compound.
Class 4	Chlorate-mixture.
Class 5	Fulminate.
Class 6	Ammunition.
Class 7	Firework.

And when an explosive falls within the description of more than one class, it shall be deemed to belong exclusively to the latest of the classes within the description of which it falls.

CLASS 1.—Gunpowder Class.

The term "gunpowder" means exclusively gunpowder ordinarily so called.

CLASS 2.—Nitrate-mixture Class.

The term "nitrate-mixture" means any preparation other than gunpowder ordinarily so called, formed by the mechanical mixture of a nitrate with any form of carbon or with any carbonaceous substance not possessed of explosive properties, whether sulphur be or be not added to such preparation, and whether such preparation be or be not mechanically mixed with any other non-explosive substance.

The nitrate-mixture class comprises such explosives as—

Chilworth special powder,	Ripp-Lene,
Fortis explosive,	Safety blasting powder,
Westfallite,	

and any preparation coming within the above definition.

CLASS 3.—Nitro-compound Class.

The term "nitro-compound" means any chemical compound possessed of explosive properties, or capable of combining with metals to form an explosive compound, which is produced by the chemical action of nitric acid (whether mixed or not with sulphuric acid) or of a nitrate mixed with sulphuric acid upon any carbonaceous substance, whether such compound is mechanically mixed with other substances or not.

The nitro-compound class has two divisions.

Division 1 comprises such explosives as—

Amberite No. 1,	Dynamite,
Ballistite,	Gelatine Dynamite,
Blasting Gelatine,	Gelignite,
Carbonite,	Lithofracteur,
Cordite,	Nitro-glycerine,
Stonite,	

and any chemical compound or mechanically mixed preparation which consists either wholly or partly, of nitro-glycerine or some other liquid nitro-compound.

Division 2 comprises such explosives as—

Amberite No. 2,
Ammonite,
Bellite,
Coopal's powder,
Cotton gunpowder,
E. C. powder,
Gun-cotton ordinarily so-called,

Nitrated gun-cotton,
Picrates,
Picric powder,
Roburite,
Sawdust and gun-cotton powder,
Schultz's powder,
Tonite (or cotton powder)

and any nitro-compound as before defined which is not comprised in the first division.

CLASS 4.—Chlorate-mixture Class.

The term "chlorate-mixture" means any explosive containing a chlorate.

The chlorate-mixture class has two divisions.

Division 1 comprises such explosives as—

Horsley's blasting powder,
Brain's blasting powder,

and any chlorate preparation which consists partly of nitro-glycerine or of some other liquid nitro-compound.

Division 2 comprises such explosives as—

Horsley's original blasting powder,
Erhardt's powder,
Reverley's powder,

Hochstadter's blasting charges,
Reichen's blasting charges,
Teutonite,

Chlorated gun-cotton,

and any chlorate-mixture as before defined which is not comprised in the 1st division.

CLASS 5.—Fulminate Class.

The term "fulminate" means any chemical compound or mechanical mixture, whether included in the foregoing classes or not, which, from its great susceptibility to detonation, is suitable for employment in percussion-caps or any other appliances for developing detonation, or which, from its extreme sensibility to explosion and from its great instability (that is to say readiness to undergo decomposition from very slight exciting causes), is specially dangerous.

The fulminate class has two divisions.

Division 1 comprises such compounds as the fulminates of silver and of mercury and preparations of these substances, such as are used in percussion-caps, and any preparation consisting of a mixture of a chlorate with phosphorus, or certain descriptions of phosphorus compounds, with or without the addition of carbonaceous matter, and any preparation consisting of a mixture of a chlorate with sulphur, or with a sulphurate, with or without carbonaceous matter.

Division 2 comprises such substances as the chloride and the iodide of nitrogen, fulminating gold and silver, diazobenzol, and the nitrate of diazobenzol.

CLASS 6.—Ammunition Class.

The term "ammunition" means an explosive of any of the foregoing classes when enclosed in any case or contrivance, or otherwise adapted or prepared so as to form a cartridge or charge for small-arms, cannon, or any other weapon, or for blasting, or to form any safety or other fuze for blasting or for shells, or to form any tube for firing explosives, or to form a percussion-cap, a detonator, a fog-signal, a shell, a torpedo, a war-rocket, or other contrivance other than a fire-work.

The term "percussion-cap" does not include a detonator.

The term "detonator" means a capsule or case which is of such strength and construction, and contains an explosive of the fulminate-explosive class in such quantity that the explosion of one capsule or case will communicate the explosion to other like capsules or cases.

The term "safety fuze" means a fuze for blasting which burns and does not explode and which does not contain its own means of ignition, and which is of such strength and construction, and contains an explosive in such quantity, that the burning of such fuze will not communicate laterally with other like fuzes.

The expression "safety cartridges" means cartridges for small arms of which the case can be extracted from the small-arm after firing, and which are so closed as to prevent any explosion in one cartridge being communicated to other cartridges. The term also includes

rifle-calibre machine-gun cartridges if they are of the above description, whether they are for use with machine-guns having chambers identical with those of rifles or with machine-guns which have special chambers.

The maximum diameter at which a small-arm or machine-gun cartridge can be accepted as "safety" is one inch.

The ammunition class has three divisions.

Division 1 comprises exclusively—

- Safety cartridges,
- Safety fuzes for blasting,
- Fuzes for shells, and tubes friction for guns, provided there be no more than five fuzes or 25 tubes in one package, and that the package be a hermetically sealed metal cylinder,
- Railway fog-signals,
- Percussion-caps.

Division 2 comprises any ammunition, as before defined, which does not contain its own means of ignition and is not included in division 1, such as—

- Cartridges for small-arms, which are not safety cartridges,
- Cartridges and charges for cannon, shells, mines, blasting, or other like purposes,
- Shells and torpedoes containing any explosive,
- Fuzes for blasting, which are not safety fuzes,
- Fuzes for shells,
- Tubes for firing explosives,
- War-rockets,

which do not contain their own means of ignition.

Division 3 comprises any ammunition, as before defined, which contains its own means of ignition and is not included in division 1, such as—

- Detonators,
- Cartridges for small-arms, which are not safety cartridges,
- Fuzes for blasting, which are not safety fuzes,
- Fuzes for shells,
- Tubes for firing explosives,

which do contain their own means of ignition.

By ammunition containing its own means of ignition is meant ammunition having an arrangement, whether attached to it or forming part of it, which is adapted to explode or fire the same by friction or percussion.

CLASS 7.—Fire-work Class.

The fire-work class has two divisions.

Division 1 comprises fire-work compositions, that is to say, any chemical compound or mechanically mixed preparation of an explosive or inflammable nature, which is used for the purpose of making manufactured fire-works, and is not included in the former classes of explosives, and also any star and any coloured fire composition, subject to the proviso hereinafter set forth.

Division 2 comprises manufactured fire-works, that is to say, any explosive of any of the foregoing classes and fire-work composition, when such explosive or composition is enclosed in any case or contrivance, or is otherwise manufactured so as to form a squib, cracker, toy cap or amorce, serpent, rocket (other than a war-rocket), maroon, lance, wheel, Chinese fire, Roman candle, or other article specially adapted for the production of pyrotechnic effects or pyrotechnic signals or sound signals:

Provided that a substantially constructed and hermetically closed metal case containing not more than 1 lb. of coloured fire composition of such a nature as not to be liable to spontaneous ignition shall be deemed to be a "manufactured fire-work."

TRANSPORT.

(a) Packing.

2. The following general rules shall be observed with respect to the packing of explosives for conveyance:—

I.—Each class of explosive shall be separately packed.

II.—An explosive not being an explosive of the 5th (fulminate) class, or of the 2nd and 3rd divisions of the 6th (ammunition) class, or of the 1st division of the 7th (fire-work) class, shall, if not exceeding 5 lbs. in quantity, be contained in a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosive from escaping.

III.—In every other case the explosive shall be contained in a double package. The inner package shall be a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosive from escaping, and the outer package shall be a box, barrel, or case of wood or metal or other solid material, and shall be of such strength, construction, and

character that it will not be broken or accidentally opened, or become defective or insecure whilst being conveyed, and will not allow the explosive to escape :

Provided as follows :

- (a) If the explosive is of the 1st (or gunpowder) class or of the 2nd (nitrate-mixture) class, or of the 2nd division of the 3rd (nitro-compound) class, the quantity of the explosive in any one outer package shall not, in the case of explosives of the first two classes, exceed 100 lbs., and in other cases 50 lbs.
If the explosive is picric acid, the inner package must be of such a nature as to effectually prevent any picric acid from coming into contact with any basic metallic oxide.*
- (b) If the explosive belongs to the 1st division of the 3rd (nitro-compound) class or to the 4th (chlorate mixture) class, the inner package shall be without any metal in its construction, and the inner or outer package, or both, shall be thoroughly waterproof.† No one of the inner packages shall contain more than 10 lbs., and the aggregate quantity of the explosive in any one outer package shall not exceed 50 lbs.
- (c)—1. If the explosive belongs to the 5th (fulminate) class, and is of such character that it cannot be packed mixed with water, or that danger would arise from such mode of packing, it shall be packed in such manner as shall be specially directed by the Resident with the previous sanction of the Governor General in Council.
2. Any other explosive of the fulminate class shall be packed as follows :—It shall be packed in bags or coverings of calico, canvas, or other material permeable to water, and containing each not more than 25 lbs. of fulminate, and so made and closed as to prevent any explosive from escaping. Such bags or coverings shall be packed in a case containing sufficient water to ensure the explosive being kept constantly wet, and such case (hereinafter called the inner case) shall be packed in an outer case containing sufficient water constantly to surround the inner case; and the inner case and the outer case shall each be of such strength, construction, and character that it will not be broken or accidentally opened or become defective or insecure whilst being conveyed, and will not allow any fulminate or water to escape; and the amount of the explosive in any one outer case shall not exceed 200 lbs. except with the consent of, and under conditions approved by, an Inspector of Explosive.
3. Every package when actually used for the packing of one fulminate shall not be used for the packing of any other fulminate or for any other purpose.
4. On the outer case there shall be affixed in conspicuous characters by means of a brand or securely attached label or other mark the word "Explosive," with the name of the explosive followed by the words "Fulminate, Division 1" (or 2 as the case may be) and the name and address of the owner or sender.
- (d)—1. If an explosive belongs to the 1st division of the 6th (ammunition) class, it shall be contained in a box, barrel, or case of wood, metal, or other solid material, and of such strength, construction, and character that it will not be broken or accidentally opened, or become defective or insecure whilst being conveyed, and will not allow any explosive to escape.
2. If the explosive belongs to the 2nd division of the 6th (ammunition) class, the following rules shall apply, *viz.* :—
 - (i) A shell or torpedo containing any explosive material, whether such shell or torpedo be separate or form part of a rocket or other appliance, shall be packed in such manner as may be specially directed by the Resident with the previous sanction of the Governor General in Council with reference to such explosive.
 - (ii) Any explosive material when made up into a cartridge or charge for cannon, shells, mines, blasting, or other like purposes, shall be packed in the manner required for the same explosive material when not so made up :
Provided that where a double package is required, the enclosing case of such cartridge or charge, if it satisfies the conditions required for the inner package, may be held to be such inner package.
 - (iii) Any other explosive of the 2nd division shall be packed in a box, barrel, or case of wood, metal, or other solid material, and of such strength, construction,

* Note.—This rule is intended to prevent picric acid being packed in a case lined with certain metals, such as zinc or lead, which would result in danger arising from the formation of a picrate. Waterproof bags inside powder-barrels are suggested as a simple and safe method of packing picric acid for transport or storage.

† Note.—From the requisition that the package should be waterproof are excepted—

(1) All explosives falling in the 2nd division of the 4th (chlorate mixture) class.
(2) Those explosives included in the 1st division of the 3rd (nitro-compound) class which do not yield up their nitro-glycerine in contact with water, such as blasting gelatine, gelatine dynamite, cordite and ballistite and gelignite; provided that any other substance than those named has been certified to be of this character by a Chief Inspector of Explosives.

tion, and character that it will not be broken or accidentally opened, or become defective or insecure whilst being conveyed, and will not allow any explosive to escape: and any one such package shall not contain more than 100 lbs. of ammunition.

- (e) If the explosive belongs to the 3rd division of the 6th (ammunition) class, it shall be packed in a double package. The inner package shall not contain more than 2 lbs. of such explosive, and no more than 50 lbs. shall be contained in the outer package.

"Provided that, in the case of detonators, the following further rules shall also be observed, namely:—

1. The detonators, and the spaces between the detonators and between the sides of the inner package and the detonators, shall all be filled, as far as practicable, with fine sawdust or other similar material. A layer of cotton wool or other soft elastic material shall be placed between both ends of all the detonators and the interior of the inner package in which the detonators are placed, in such manner and so secured that both ends of the detonators will rest upon the said cotton wool or other material. Every inner package, if of metal, shall be lined throughout with paper or other soft material.
2. Where the number of detonators packed for conveyance exceeds in all one thousand (1,000), or such greater number as may from time to time be assigned with the consent of, and under conditions approved by, an Inspector of Explosives, all the inner packages as aforesaid shall be placed inside a substantial case of wood or metal, made and closed, so as to prevent any of the inner packages escaping therefrom, and the case shall be placed inside such outer packages as is required by the above general rule relating to the packing for conveyance of explosives of the 3rd division of the 6th (ammunition) class, in such manner and so secured as to leave a clear space of not less than three inches between every part of the interior of the said outer package, notwithstanding that such clear space may, if preferred, be filled with sawdust, straw, or other similar material, or may contain a light framework or battens of wood to keep the case aforesaid in position in the outer package."
3. In the case of electric detonators, the quantity to be contained in any one such outer package may amount to not more than three thousand (3,000) electric detonators, or, if such outer package is provided with handles of such strength and construction as to allow it to be safely and conveniently carried by means of such handles, the number may be increased to five thousand (5,000).
- (f) If the explosive belongs to the 1st division of the 7th (fire-work) class, it shall be contained in a double package. The inner package shall be a substantial canister, case, or other receptacle hermetically closed, and containing no more than 1 lb. of explosive, and no more than 20 lbs. shall be contained in the outer package; and,
- (g) If the explosive belongs to the 2nd division of the 7th (fire-work) class, it shall be contained in a box, barrel, or case of wood, metal, or other solid material, and of such strength, construction, and character that it will not be broken or accidentally opened or become defective or insecure whilst being conveyed, and will not allow any explosive to escape, and the quantity of explosive in any one package shall not exceed 100 lbs.

IV.—Whatever be the amount of the explosive, and to whatever class or division of a class it belongs, the following conditions shall be observed:—

- (a) the interior of every package, whether single or double, shall be kept free from grit and otherwise clean;
- (b) every package, whether single or double, when actually used for the packing of the explosive, shall not be used for the packing of any other explosive of the same or any other class or for any other purpose, except with the consent of and under conditions approved by, an Inspector of Explosives;
- (c) there shall not be any iron or steel in the construction of any such single package or inner or outer package unless the same is effectually covered with tin, zinc, or other suitable material;
- (d) on the outermost package there shall be affixed, in conspicuous characters, by means of a brand or securely attached label or mark, the word "Explosive" followed by the name of the explosive or other description of the contents and the name and address of the owners or senders; and
- (e) the amount of the explosive in any single package or, if there is a double package, in any one outer package, shall not exceed the amount specified in the foregoing rules except with the consent of, and under conditions to be approved by, an Inspector of Explosives or other officer appointed by the Resident in this behalf.

3. Whoever commits a breach of any of the foregoing rules relating to the packing of explosives for conveyance shall be punishable with fine which may extend to Rs. 1,000.*

* Rules regarding search for, and detention of, explosives contravening regulations have been issued by the Local Governments.

(b) Mode of conveyance.

4. The following general rules shall be observed with respect to the conveyance of explosives:—

i.—No explosive shall be conveyed from place to place unless packed in the manner provided for in the foregoing rules.

ii.—There shall not be conveyed in any carriage or vessel which is being used for the conveyance of an explosive, any explosive of a different class and division, of whatsoever nature, which contains its own means of ignition, unless it is sufficiently separated therefrom to prevent any fire or explosion which may take place in one such explosive being communicated to another.

iii.—Except in the case of small consignments carried by railway, which may be unloaded at any time, explosives shall be loaded or unloaded only between sunrise and sunset. For the purposes of this rule no consignment of more than half a wagon-load booked to one station shall be deemed to be a small consignment.

iv.—Whilst the explosive is being loaded on or unloaded out of any carriage no fire or artificial light, nor any article which is liable to cause or communicate fire or explosion [such as charcoal, lucifer-matches, articles for striking a light, petroleum to which the Indian Petroleum Act, 1899 (VIII of 1899) or any other Act for the time being in force regarding the importation, possession, and transport of petroleum, applies, or any spirit or oil or substance that gives forth an inflammable vapour at a temperature below 100° Fahrenheit] shall be, or shall be allowed to be, brought, had or used dangerously near to, such carriage, and no smoking shall be allowed in, on or dangerously near to, the same:

Provided that when the use of a light for the purposes of such loading or unloading is unavoidable, a lamp of such construction, position, or character as not to cause any danger from fire or explosion may be used; and no person, while handling any explosive (except an explosive of division 1, class 6, if packed in accordance with the packing rules), shall wear boots or shoes with iron or steel nails, heels, or tips.

v.—In the loading or unloading of any explosive, the casks and packages containing the same shall be passed from hand to hand and not rolled upon the ground: they shall not be thrown or dropped down, but shall be carefully deposited and stowed.

vi.—The explosive shall not be conveyed except in the interior of a carriage so enclosed on all sides with wood or metal, as effectually to protect the explosive against accident by fire from without. If the explosive cannot be so secured, it shall be completely covered with painted cloth, tarpaulin, or other suitable material so as to effectually protect it against communication of fire.

vii.—There shall not be any iron or steel in the interior of the portion of the carriage with which the case containing the explosive is in contact, unless the same is effectually covered with leather, wood, cloth, or other suitable material.

viii.—In the stowing of the explosive, due precautions shall be taken by means of a partition or otherwise and by careful stowing to secure such explosive from being brought into contact with, or endangered by, any other article or substance conveyed in such carriage which is liable to cause fire or explosion; and if the explosive is dangerously affected by water, due precautions shall be taken to exclude water from coming into contact with such explosive.

ix.—The amount of the explosives conveyed in any one carriage at any one time shall not exceed 2,000 lbs. unless the carriage be so enclosed on all sides with wood or metal, as effectually to protect the explosive against accident by fire from without, in which case the amount of the explosives conveyed shall not exceed the following:—

	Tons.
In any one carriage on a railway	10
In any one other carriage	2

NOTE.—This rule shall, in the case of dynamite conveyed by railway, be read subject to paragraph XII of Rule 6.

x.—Nothing in the foregoing rules (except Rule I) shall apply to any explosive of the 1st division of the 6th (ammunition) class:

Provided that all due precautions are taken for the prevention of accidents.

5. The following rules shall be observed with respect to the conveyance of explosives otherwise than by railway:—

i.—No explosive shall be conveyed in a carriage whilst carrying or plying for public passengers unless the quantity is less than 5 lbs. and notice has been given beforehand to the person in charge of such carriage; and all due precautions are taken for the prevention of accidents by a fire or explosion.

Provided that there shall not be conveyed in any such carriage any explosive of the 5th (fulminate) class or any explosive of the 3rd division of the 6th (ammunition) class, or of the 1st division of the 7th (fire-work) class, except detonators packed according to the proviso to Rule 2 (iii) (c), to the number of 200.

Provided that the amount of explosive of the 5th (fulminate) class in the detonators shall in no case exceed in the aggregate 3 oz. (a certificate to this effect being given by the Agent of the Company by whom the detonators are tendered for transport):

Provided also that no other explosive is carried in the same compartment.

ii.—With respect to the conveyance by carriage of explosives of the 5th (fulminate) class or of the 3rd division of the 6th (ammunition) class, or of the 1st division of the 7th (fire-work) class, or of larger quantities than 5 lbs. of any other explosive, the following regulations shall be observed:—

- (1) The person in charge of the carriage shall not drive or conduct the same in a dangerous or reckless manner, and shall take all due precautions to avoid fire and explosion, and no person shall do any act or thing in relation to the explosive which tends to cause fire or explosion, and is not reasonably necessary for the conveyance of the explosive or for work immediately connected with such conveyance; and a person who is intoxicated shall not have charge of any carriage conveying explosive and shall not be permitted to be in, or on, or attending the same.
- (2) A person shall not forward to any warehouseman or carrier a consignment of explosive, unless he has given notice to such warehouseman or carrier beforehand, stating the name and quantity of the explosive proposed to be conveyed, and the name and address of the proposed consignee, and has had an intimation that the warehouseman or carrier is prepared to receive the consignment; and a warehouseman or carrier shall not make such an intimation, nor receive such consignment, unless he is prepared to receive it, and forthwith to despatch the same, or to deposit it in a magazine or at a place at which a person is licensed to possess the same.
- (3) The carriage conveying the explosive shall be in charge of, and constantly attended by, some competent person, or by a sufficient number of competent persons, and such persons shall not, if the amount of the explosive conveyed exceed 100 lbs., stop or delay for a longer time than may be reasonably necessary, or stop unnecessarily, at any place where such stopping would be attended with special public danger.

6. The following rules shall be observed with respect to the conveyance of explosives by public railway:—

i.—No person shall send for carriage upon any railway any consignment of an explosive unless he has given to the officer in charge of the railway station previous notice in writing, which, at the option of the Railway Administration, may extend to 48 hours, of his intention to send such consignment, and stating the true name, description, quantity, and mode of packing of the explosive proposed to be conveyed, and his own name and address, and also the name and address of the proposed consignee, and unless he has had an intimation in writing from an authorised officer of the railway that such consignment will be received.

ii.—No explosive which a Railway Administration shall, by any notice or regulation for the time being in force, notify that they will not receive, shall be brought, sent, or forwarded to, or upon, any railway of the said Railway Administration.

iii.—Consignments of explosives shall be sent to the forwarding station and shall be received by the railway servants only at such times between sunrise and sunset as the Railway Administration may appoint; and every package containing any explosive proposed to be conveyed on any railway shall immediately on arrival at the station be unloaded and placed in a safe place under the special direction of the officer in charge of the station.

All gunpowder under despatch or receipt by a Government arsenal, depot, or factory, shall be loaded or unloaded in the railway vans by Government servants employed in such arsenal, depot, or factory. In each van used by the railway for the transport of gunpowder the packages of gunpowder shall be secured in such a way as to prevent concussion when the train is in motion.

iv.—An explosive shall be removed by the consignee from the receiving station during the twelve hours of daylight after arrival: if this condition is not strictly complied with, the Railway Administration may return the consignment to the consignor at his risk and expense. And such packages shall in the meanwhile be kept as far away from the station buildings as possible, in the wagon they were conveyed in, or, if unloaded, shall be completely covered with tarpaulins or other suitable material, and, if necessary, shall be protected by a police guard.

v.—The Railway Administration may refuse to receive any packages which they suspect to contain any explosive packed or sent in contravention of these regulations. And in case any package, which the Railway Administration suspect, shall be upon any railway, the Railway Administration may open, or require to be opened, such package to ascertain the fact, at the risk and expense of the consignor, and may return the explosive contained in the package to the consignor at his risk and expense, keeping the packages, pending such return, in the manner prescribed in the preceding rule.

vi.—Subject to the exception provided for in clause (e), no explosive shall be conveyed by passenger-train except of the kinds and in the manner hereinafter specified in this rule:—

(a) Safety cartridges and percussion-caps and safety-fuze (for blasting), also fog-signals for railway use which may be conveyed in ordinary wagons or carriages.

(b) Explosives of the 3rd (nitro-compound) class which may be carried in the form of cartridges up to the limit of 5 lbs.

Provided that no detonators are carried in the same compartment.

(c) Detonators packed according to the proviso to Rule 2 (iii) (e) may be carried to the number of 200.

Provided that in no case the amount of fulminate of mercury in the package or packages containing the detonators exceeds in the aggregate 3 oz. (a certificate to this effect being given by the company, firm, or person tendering the detonators for transport or by its or his agent):

Provided also that no other explosive is carried in the same compartment.

(d) Sporting gunpowder or non-safety cartridges packed in double cases as before provided, so long as the gunpowder is contained in one-pound tin canisters packed in a stout wooden case with an outer covering of tin or zinc completely spark-proof, or in metal-lined cases of a pattern approved by the Railway Administration. But no outer case shall contain more than 25 lbs. of gunpowder, and the total consignment of gunpowder or non-safety cartridges by one train shall not exceed 80 lbs.

(e) Explosives may be carried by mixed trains on any line on which goods trains are not running, subject to the conditions that they are loaded in properly constructed powder vans; that not more than one powder van containing explosives is forwarded at any one time by a mixed train; that there are not less than three vehicles between the powder van and either the engine or the passenger coaches; that the powder van is close-coupled to the adjoining vehicles; and that directly a powder van containing explosives arrives at a section on which goods trains are running, it is detached from the mixed train.

vii.—Not more than five carriages containing explosives shall be loaded or unloaded at any railway station or be conveyed by any one train at any one time; and the quantity of explosive to be contained in any one carriage shall not exceed two-thirds of the normal load, unless the carriages shall be specially built and approved of by the Government of India for the conveyance of explosives. But nothing in this clause shall be held to apply to separate consignments of safety cartridges for small-arms.

viii.—There shall not be conveyed in the same carriage with any explosive any lucifer or other matches, fuzes, pipe-lights, acids, naphtha, paraffine, petroleum to which the Indian Petroleum Act, 1869 (VIII of 1899), or any other Act for the time being in force regarding the importation, possession, and transport of petroleum applies, or any other volatile spirit substance liable to give off an inflammable vapour or liable to spontaneous ignition, or to cause or communicate fire or explosion.

ix.—The consignor shall attach to the consignment note a certificate or (provided the original is produced, for verification) copy of a certificate, signed by an officer authorised by the Resident in this behalf that the explosive, if it is an explosive of class 3 or 4, is of the standard purity; and further in the case of dynamite, and all nitro-glycerine compounds, that there are no signs of exuded nitro-glycerine or of liquefaction. The consignor shall also certify that the explosive has been packed in accordance with the packing rules in force in England or in British India or in the Civil and Military Station of Bangalore.

x.—In the case of explosives under classes 3 and 4 the outer packages shall be marked with the date of the manufacture of the explosives. The abovementioned certificate shall contain sufficient information to admit of all packages being easily recognised.

xi.—The certificate referred to in Rule IX shall be valid for six months after date, if the examination has been made between the 15th October and 31st March; but any Railway Administration which accepts dynamite and other nitro-glycerine compounds for transport may demand a fresh certificate for these explosives if presented for conveyance between 1st April and 15th October (both inclusive).

xii.—Packages containing dynamite and other blasting explosives of the 3rd nitro-compound class or explosives of the 4th (chlorate-mixture) 5 (fulminate) classes or of the 1st division of the 7th (firework) class shall be stowed in one layer only and secured so as to prevent movement during transit, and the gross load in any one wagon shall not exceed 3 tons:

Provided that if the packages of explosive are in rectangular form and are properly secured so as to prevent movement during transit, they may be stowed in any number of layers not exceeding five, and the gross load in any one wagon shall not exceed 5 tons.

xiii.—No explosive of the 5th (fulminate) class or of the 3rd division of the 6th (ammunition) class or of the 7th (fire-work) class shall be carried in the same train with any explo-

sive not of the class and division to which it belongs unless it be sufficiently separated therefrom to prevent any fire or explosion which may take place in one such explosive being communicated to another.

xiv.—Wagons used for the carriage of explosives shall be examined to see that they are spark-proof, and have been cleaned out before they are loaded. Hair, cloth, hides, or other suitable materials shall be spread on the floor of the wagon and between each layer of packages except when the packages are covered with gunny or felt, or contain safety cartridges for small-arms packed in tin-lined service-pattern boxes.

xv.—Wagons containing explosives shall be loaded and unloaded on sidings distant as far as possible from the station buildings.

xvi.—Packages containing explosives other than those referred to in rule 6 (XII) shall not be stored in more than three layers one above the other. But if the packages are in rectangular form and of uniform size (provided they are double packages and are so secured as to prevent movement during transit) they may be packed in five layers one above the other. But in the case of safety cartridges for small-arms packed in tin-lined service pattern boxes, there is no restriction. Subject to the provisions of rule 4 (III), the loading and unloading of explosives when once begun shall be diligently proceeded with until the same is completed.

xvii.—When the train is being marshalled, wagons loaded with explosives may be shunted by a locomotive, if they are separated from the engine by not less than three wagons containing no explosive nor easily inflammable substance. This precaution is not necessary with wagons specially constructed for the carriage of explosives. The speed of these movements shall be restricted to 5 miles an hour; they shall be superintended by a duly authorized officer, who shall be held responsible for the observance of these orders. Flying shunts are strictly prohibited.

xviii.—Wagons containing explosives shall be placed at the end of the train away from the locomotive, and shall be close-coupled to one another, as well as to the adjoining wagons, and preceded and followed by three wagons not loaded with explosives or other traffic of an inflammable nature.

xix.—If the wagons employed in the transport of explosives are provided with brakes, other than iron brakes, the brakes thereon shall on no account be worked while the wagons are running with a train, nor shall brakes, other than iron brakes, on vehicles immediately adjoining such wagons, be worked while such wagons are so running.

xx.—Wagons shall in every case be locked when loaded with explosives.

xxi.—All operations connected with the transshipment of explosives at junction stations shall take place during daylight.

7. Whoever commits a breach of any of the foregoing rules relating to the mode of conveyance of explosives shall be punishable with a fine which may extend to Rs 100.

MANUFACTURE, POSSESSION, AND SALE.

(a) General Rules.

8. An explosive shall not be manufactured except under, and in accordance with, the conditions of a license to manufacture the explosive granted under these rules:

Provided that this rule shall not apply—

- (a) to the making of a small quantity of an explosive for the purpose of chemical experiment, and not for practical use or for sale; or
- (b) to the filling for private use, and not for sale, of any safety cartridges to the amount allowed by these rules to be possessed for private use.

9. Whoever manufactures an explosive in contravention of rule 8 shall be punishable with fine which may extend to three thousand rupees.

10. An explosive shall not be possessed except under, and in accordance with, the conditions of a license to possess the explosive granted under these rules:

Provided that this rule shall not apply—

(i) to a person possessing for his private use and not for sale—

- (a) gunpowder to an amount not exceeding on the same premises 30 lbs. or in lieu of the said quantity of gunpowder 15 lbs. of any other explosive, or in lieu of any less amount of gunpowder not so possessed, half that amount of other explosives; or
- (b) gunpowder contained in safety cartridges to an amount not exceeding 150 lbs., or in lieu thereof 150 lbs. of any explosive contained in ammunition of the 1st division of class B, or in lieu of any less amount of gunpowder not so possessed, that amount of any explosive so contained.

Exception.—Nothing in the foregoing portion of the proviso to this rule shall be held to authorize the possession for private use—

- (a) of any explosive of the 3th (fulminate) class; or

(d) of any explosive whereof the possession has been prohibited absolutely by notification under section 6 of the Indian Explosives Act (IV of 1834); or

(e) Where the possession of an explosive has by notification under that section been prohibited, subject to conditions, of any such explosive except subject to those conditions,

(2) to the possession of fire-works, not exceeding 50 lbs. in quantity within municipal areas, and not exceeding 200 lbs., in quantity outside any such areas, if obtained and intended for immediate use and not for sale, and if not kept for a period exceeding 14 days, provided that such fire-works are kept in a substantial receptacle, exclusively appropriated to keeping explosives, and closed and secured so as to prevent unauthorized persons from having access thereto,

2. (a) to the possession of fire-works within municipal areas, exceeding 50 lbs. but not exceeding 200 lbs. if obtained and intended for immediate use and not for sale, and if kept for a period not exceeding 14 days. Such possession is permitted subject to the proviso set forth in clause (2) and to the further condition that is covered by a permit to be issued free of cost by a Magistrate of the 1st class or a police officer not below the rank of District Superintendent of Police.

(3) to the possession of any explosive by a carrier or other person for the purpose of transport when the same is being kept or transported in accordance with the provisions of the rules made under the Indian Explosives Act (IV of 1884) with respect to the transport of such explosive.

11. Whoever possesses an explosive in contravention of rule 10 shall be punishable with fine which may extend to one thousand rupees.

12. An explosive shall not be sold except under, and in accordance with, the conditions of a license to sell the explosive granted under these rules:

Provided that this rule shall not apply, to any person selling any explosive, which for his own private use he lawfully possesses, to any person who is not legally prohibited from possessing the same.

13. Whoever sells an explosive in contravention of rule 12 shall be punishable with fine which may extend to five hundred rupees.

(b) Licensing of the manufacture, possession, and sale of small quantities of gunpowder and certain explosives.

14. Licenses to manufacture, possess, and sell, or to possess and sell, or to possess, or to sell from stock kept in a magazine in respect of which a license has been granted under rule 23, an explosive of the 1st (gunpowder) class, or of the 1st division of 6th (ammunition) class, or of the 7th (fire work) class, may be granted in a Presidency Town and its suburbs by the Commissioner of Police, and elsewhere by the District Magistrate in accordance with the following provisions:—

(1) The license shall not entitle the license-holder to possess at the same time more than 200 lbs. of gunpowder, 500 lbs. of explosive contained in ammunition of the 1st division of the 6th (ammunition) class, and 200 lbs. of fire-works or any such less quantity of any of these explosives as the licensing officer may think fit to specify in the license.

(2) The license shall specify the place in which alone the explosives referred to in it may be kept, and such place shall (except in the case of a license to sell from stock kept in a magazine in respect of which a license has been issued under rule 23) be approved by the licensing officer.

15. Save as hereinafter provided, the following fees shall be paid for every license granted under the last foregoing rule, namely:—

(1) a fee of twenty rupees for every license to manufacture, possess, and sell the maximum quantity of explosive mentioned in the last foregoing rule, or any less quantity;

(2) a fee of ten rupees for every license to manufacture, possess, and sell half the quantity of explosive mentioned in the last foregoing rule, or any less quantity;

(3) a fee of five rupees for every license to manufacture, possess, and sell a fourth of the quantity of explosive mentioned in the last foregoing rule, or any less quantity;

(4) a fee of ten rupees to possess and sell the maximum quantity of explosive mentioned in the last foregoing rule, or any less quantity;

(5) a fee of five rupees to possess and sell half the quantity of explosive mentioned in the last foregoing rule, or any less quantity;

(6) a fee of two rupees eight annas to possess and sell a fourth of the quantity of explosive mentioned in the last foregoing rule, or any less quantity; and

(7) a fee of eight annas for every license to possess explosives.

Provided that the holder of a license duly granted in Form VI-B or in Form VII-B, under rule 11 of the rules made under the Indian Arms Act, 1878 (XI of 1878), may, on production of such license before the District Magistrate, be granted a license under rule 14 without payment of fees.

16. Every license granted under rule 14 shall be in Form A, B, or C in the schedule hereto annexed, as the case may be, and shall be subject to the conditions prescribed therein.

17. Whoever commits a breach of any condition subject to which a license under rule 14 is granted, shall be punishable with fine which may extend to five hundred rupees.

(c) Licensing of the manufacture of explosives generally.

18. Licenses to manufacture explosives in cases not provided for by rule 14 shall be granted by the Governor General in Council on payment of such fees, in such form, and subject to such conditions, as the Governor General in Council may in each case prescribe:

Provided that the Governor General in Council shall, in the case of any such license, prescribe all the conditions which are hereinafter prescribed for licenses to possess an explosive of the same description and quantity as the manufacturing license is to cover.

18A. "The Resident may, from time to time, renew, on payment of the original fee and on the same or on altered conditions, any licenses for the manufacture of explosives granted by the Governor General in Council:

Provided, first, that such renewal does not admit of the manufacture of any explosive other than that specified in the original license;

Provided, secondly, that every such renewal is first approved by an Inspector of Explosives; and

Provided, thirdly, that every such renewal is for a period not exceeding one year."

19. Whoever commits a breach of any condition subject to which a license is granted under rule 18 or renewed under rule 18A shall be punishable with fine which may extend to three thousand rupees.

(d) Licensing of the possession of small quantities of other explosives.

20. Licenses for the possession, at such places as shall be approved by the licensing officer, of explosives other than those specified in rule 14 may, if the explosive is not one of the 5th (fulminate) class, and if the quantity to be possessed at the same time does not exceed 60 lbs., be granted by the District Magistrate.

21. Every license granted under rule 20 shall be in Form D in the schedule hereto annexed, and shall be subject to the conditions prescribed therein. A fee of five rupees shall be paid for every such license.

22. Whoever commits a breach of any condition subject to which a license under rule 20 is granted, shall be punishable with fine which may extend to one thousand rupees.

(e) Licensing of the possession of explosives generally.

23. Licenses for the possession of explosives in cases not provided for by rules 14 and 20 may, if the explosive is not one of the 5th (fulminate) class, be granted by the Resident in accordance with the following procedure:—

(1) The applicant shall submit to the District Magistrate an application on Form G and shall comply with the conditions embodied therein.

(2) Upon receipt of the said application—

(a) The District Magistrate shall thereupon cause notice to be published of the application, and fix a date on which any persons shall be heard objecting to the establishment of a magazine on the proposed site who have not less than seven clear days before the day of hearing sent to the said District Magistrate and to the applicant notice of their intention to appear and object with their name, address, and calling, and a short statement of the grounds of their objection.

(b) Where the site of the proposed magazine is situate within, or within one mile of the limits of the jurisdiction of any municipality, the applicant shall serve on such authority notice of the application, and of the date of hearing by the District Magistrate.

(c) The said notices shall be published and served at the cost of the applicant by the District Magistrate not less than one month before the date of hearing.

(d) The District Magistrate shall fix the date of hearing as soon as practicable after application is made to him, and the time so fixed shall be as soon as practicable after the expiration of the said month from the publication and service of the notices by the applicant.

(e) On consideration of the application, and on making such enquiry as may be deemed necessary, the District Magistrate may dissent altogether from the establishment of such new magazine on the proposed site, or assent thereto, either absolutely or on any conditions requiring additional restrictions or precautions.

(f) "On the completion of the enquiry, the District Magistrate shall forward the application and draft license with his recommendation to the Resident. The Resident shall then refer the aforesaid documents for approval to the Chief Inspector of Explosives, who will forward to the applicant a form H showing the distances which should, in his opinion, be kept clear round the magazine. The form shall then be returned with the third column duly filled in by the applicant to the Chief Inspector of Explosives, who will submit it to the Resident with his recommendation, and if he recommends that a license be granted, a draft license accompanied by a schedule A showing the distances which, after considering any representation made by the applicant in returning the form to him, he thinks should be kept clear round the magazine. The Resident may thereupon grant the license as applied for, or with such modifications or restrictions as may be deemed proper, or may refuse such application. The table of distances which will ordinarily be followed is attached to these rules."

(g) If the Resident grant a license, he shall forward the same to the District Magistrate, who, when satisfied that the magazine is sufficiently completed according to license to justify the use thereof, shall confirm the license; but, until so confirmed, the license shall not come into force.

24. A fee of Rs20 shall be paid for every license granted under rule 23.

25. Every license granted under rule 23 shall be in Form E in the schedule hereto annexed and shall be subject to the conditions prescribed therein.

25A. Every license granted under rule 23 for the possession of blasting gelatine or any of its kindred gelatinous nitro-compounds, shall be subject to the condition that such explosives shall not be kept in any magazine after the expiration of three years from the date of their importation into British India, except with the special sanction of an Inspector of Explosives, and that in every such case a written certificate, to be kept by the license-holder at the magazine, shall be obtained from an Inspector of Explosives at each inspection, showing for what further period of storage permission has been granted.

26. Whoever commits a breach of any conditions subject to which a license under rule 23 is granted shall be punishable with fine which may extend to one thousand rupees.

27. Licenses for the possession of explosives of the 5th (fulminate) class shall be granted by the Governor General in Council on payment of such fees and in such form, and subject to such conditions, as he may in each case prescribe.

28. Whoever commits a breach of any condition subject to which a license is granted under rule 27 shall be punishable with fine which may extend to one thousand rupees.

(f) Licensing of the sale of explosives generally.

29. Licenses for the sale of explosives in cases not provided for by rule 14 may be granted by the District Magistrate to any person licensed to possess the same.

30. A fee of five rupees shall be paid for every license granted under rule 29.

31. Every license granted under rule 29 shall be in Form F in the schedule hereto annexed, and shall be subject to the conditions therein prescribed.

32. Whoever commits a breach of any condition subject to which a license under rule 29 is granted, shall be punishable with fine which may extend to five hundred rupees.

(g) Supplementary.

33. The officers hereinafter mentioned are authorized, subject to the provisions of the Indian Arms Act, 1878 (XI of 1878), and of any rules thereunder, in cases to which that Act applies, within the areas respectively specified below:—

(a) to enter, inspect, and examine any place, carriage, or vessel in which an explosive is being manufactured, possessed, used, sold, or transported under a license granted under the Indian Explosives Act (IV of 1884), or in which they have reason to believe that an explosive has been or is being manufactured, possessed, used, sold, or transported in contravention of that Act, or of the rules under that Act;

(b) to search for explosives therein;

(c) to take samples of any explosives found therein, on payment of the value thereof and

(d) to seize, detain, remove, and, if necessary, destroy, or otherwise render harmless any explosive found therein in respect of which they have reason to believe that the provisions of the said Act or of the rules under that Act have been contravened."

Areas.

In all parts of the Civil and Military Station of Bangalore and on the Railways.

Within the areas respectively subject to their jurisdiction.

Officers.

The District Magistrate.

The Chief Inspector of Explosives.

The Inspector of Explosives.

The Superintendent or an Inspector of Police.

All Magistrates subordinate to the District Magistrate.

Provided, as follows:—

- (1) Whenever the Chief Inspector or the Inspector of Explosives or the Superintendent or an Inspector of Police or any Magistrate subordinate to the District Magistrate seizes, detains, or removes any such explosives, he shall report the fact to the District Magistrate.
 - (2) Neither the Chief Inspector nor the Inspector of Explosives nor the Superintendent or an Inspector of Police, nor any Magistrate subordinate to the District Magistrate shall destroy or otherwise render harmless any such explosive without the previous sanction of the District Magistrate, unless the matter appears to him urgent and fraught with serious public danger; and in such cases he shall take and keep a sample of the explosive and shall, if required, give a portion of the sample to the person owning the explosive or having the same under his control at the time of seizure, and shall report the circumstances to the District Magistrate.
34. A person licensed to possess an explosive shall not be required to take out a license for the manufacture of the explosive by reason that in connection with his magazine or licensed premises he fills for sale or otherwise any cartridge for small arms with the said explosive:

Provided that he observes the following regulations, namely:—

- (1) There shall not be in the room in which such filling is being carried on more than five pounds of gunpowder, or an amount to be prescribed by the Resident in this behalf of any other explosive, except it is made up into safety cartridges;
 - (2) Any work unconnected with the making of the cartridges shall not be carried on in the room while such filling is being carried on;
 - (3) There shall not be in the room while such filling is being carried on any fire nor any artificial light except a light of such construction, position or character as not to cause any danger of fire or explosion;
 - (4) The room in which the filling is carried on shall be detached from the magazine, but in the immediate neighbourhood thereof, and at such distance therefrom as may be specified on the license by the authority granting the same; and
 - (5) The occupier shall give notice to the authority granting his license that he intends to carry on such filling of cartridges as is allowed by this rule.
35. A person licensed to possess an explosive shall not be required to take out a license for manufacture by reason that in connection with his magazine or licensed premises he, by filling cartridges, making charges, drying, sifting, fitting or otherwise, adapts or prepares the said explosive for use exclusively in his mine or quarry or in some excavation or work carried on by him, or under his control:

Provided that he observes the following regulations, namely:—

- (1) There shall not be in the workshop in which such adaptation or preparation is carried on more than 100 lbs. of gunpowder, or an amount to be prescribed by the Resident in this behalf of any other explosive;
- (2) Any work unconnected with such adaptation or preparation shall not be carried on in the said workshop while such adaptation or preparation is being carried on;
- (3) The said workshop shall be detached from the magazine, but in the immediate neighbourhood thereof, and at such distance therefrom as may be specified on the license by the authority granting the same;
- (4) An explosive of one description shall not be converted into an explosive of another description and shall not be unmade or resolved into its ingredients; and
- (5) The occupier shall give notice to the authority granting his license that he intends to carry on such adaptation or preparation as is allowed by this rule.

GENERAL.

36. Every license granted under these rules shall be liable to be forfeited on breach of any of the conditions subject to which it is granted.

37. If a person licensed to manufacture, possess, or sell an explosive dies or becomes bankrupt, or becomes mentally incapable or otherwise disabled, the persons carrying on the business of such licensee shall not be liable to any penalty or forfeiture under the Indian Explosives Act (IV of 1884) or the rules thereunder for carrying on the business or acting under the license during such reasonable time as may be necessary to allow him to make an application to the authority granting the license for a new license in his own name during the currency of the unexpired portion of the original license. Such new license shall be granted on payment of one rupee.

37A. (1) A person licensed to manufacture, possess, or sell any explosive shall, on the expiration or forfeiture of his license, forthwith give notice to the District Magistrate of the quantity of such explosive then in his possession, and shall comply with any directions which the District Magistrate may think fit to give in regard to the possession or transport of the same.

(2) On receiving a notice under sub-section (1) of the rule the District Magistrate may grant, for a term not exceeding three months, a temporary license for the possession or sale of the actual stock of explosive which is held at the time of its issue, upon the payment of a fee bearing the same proportion to the annual fee as the period covered by such a license does to a full year.

(3) Whoever possesses or transports an explosive in contravention of any direction given under sub-section (1) of this rule shall be punishable with fine which may extend to one thousand rupees.

38. The fees leviable under these rules shall be taken in the shape of impressed stamps. Applications for licenses or renewals of licenses shall, if not otherwise provided, be written on plain paper, the licenses themselves being issued on impressed stamps of value equal to the amount of fee leviable in respect of such licenses or renewals.

39. All licenses by whomsoever granted or renewed shall expire on the 31st December of the year for which they are granted. But subject to the provisions of rule 18A in the case of licenses granted under that rule the currency of a license may, unless the circumstances have so changed that the grant of a new license would either not be authorized under the Act and rules, or is deemed objectionable by the licensing authorities on application previous to its expiration, be renewed on payment of the original fee.

40. When a license granted in accordance with these rules is lost or accidentally destroyed, a duplicate may be granted to the licensee on payment of a fee of eight annas.

41. Any person holding a license, or acting under a license granted in accordance with these rules, shall be bound to produce the same or an authenticated copy which shall be kept at the magazine or place to which it applies, when called upon to do so by any Inspector of Explosives, or by any Magistrate or by any Police Officer in charge of a police station or by any Police Officer of higher rank. Copies of licenses may, for the purposes of this rule, be authenticated by any of the officers aforesaid, or by the authority granting them.

42. All Magistrates or other authorities acting under these rules shall perform their duties subject to the control of their executive superiors and of the Resident.

43. Any authority empowered to grant a license under the foregoing rules may, if he thinks fit, direct by an order written on the license that it shall have the effect of a like license granted by a like authority under the Indian Arms Act (XI of 1878).

44. Any person lawfully entitled under the Indian Arms Act (XI of 1878), or the rules thereunder, to possess any explosive coming under the head of ammunition as defined in that Act may possess, without license under these rules, any such explosives in such quantities as may be prescribed by that Act or the rules thereunder, or when no quantities are prescribed, in reasonable quantities for his own private use.

R. C. H. M. KING,
First Assistant Resident.

SCHEDULE.

FORM A.

(See Rule 14.)

[FEE RUPEES IN STAMPS.]

License to manufacture, sell, and possess gunpowder or an explosive of the 1st Division of the 6th (Ammunition) class or of the 7th (Fire-work) class.
Granted by the District Magistrate.

Name, etc., of license-holder and place of residence.	Place of business, factory, or shop.	Maximum quantity of explosive to be kept at any one time.	Description and quantity to be manufactured during the year.	Description and quantity to be possessed and sold during the year.	Date on which license expires.

District, }
190 . }

Seal.

(Signature)

of

Conditions.

1. This license is given subject to the provisions of the Indian Explosives Act (IV of 1884) and the rules thereunder.
2. The license-holder shall keep records and accounts of all explosive manufactured, of all stock in hand, and of all sales, in such form as the Resident may from time to time direct.
3. The licensee shall exhibit his stock and his books of manufacture and sales to any Magistrate or to any Police Officer not below the rank of an Inspector, when such officer may call upon him so to do.
4. The explosive shall be manufactured in a tent or any lightly constructed building exclusively appropriated for the purpose and separated from any dwelling-house by the distance:—
 - (a) in the case of gunpowder, of 100 yards,
 - (b) in the case of an explosive of the 1st Division of the 6th (ammunition) class or of the 7th (fire-work) class, of 50 yards,
 and by the same distances from any highway, street, public thoroughfare, or public place. In the case of filling cartridges for small arms the operation may, if preferred, be carried out in the upper room of a building: Provided that no more than 5 lbs. of explosive (except such as may be contained in safety cartridges) shall be in the room where the operation is being carried on. In all other cases the manufacture shall be carried on in a one-storied building.
5. All sales of explosive under this license shall be effected upon the premises shown on the face of the license.
6. An explosive shall not be sold to any child apparently under the age of 13 years.
7. The explosive possessed by the licensee shall be kept in a substantially constructed unflammable building, approved by such officer as the Resident may prescribe, or in a fire-proof safe, separated from any dwelling-house, highway, street, public thoroughfare, or public place by the distances laid down in condition No. 4, and made and closed so as to prevent unauthorized persons having access thereto, and to secure it from danger from without:

Provided that a quantity not exceeding 50 lbs. of gunpowder, or in lieu of each pound of gunpowder not so kept 2 lbs. of explosive contained in ammunition of the 1st division of class 6, or an equivalent quantity of an explosive of the 7th (fire-work) class, may be kept inside a dwelling-house, or in any building other than as last aforesaid, in a receptacle exclusively appropriated to keeping explosive:

Provided also that no explosive containing its own means of ignition [other than explosive of the 1st division of the 6th (ammunition) class] shall be kept in a fire-proof safe.
8. All articles or substances of an explosive or highly inflammable nature shall be kept at a safe distance from the explosive and from any room or part of a building, fire-proof safe, or receptacle containing the same, and no one entering such room or part of any building or such safe or receptacle shall have any iron or steel in their possession, or attached to on their boots or shoes.
9. Neither the building exclusively appropriated for the purpose of manufacturing or keeping the explosive, nor the fire-proof safe or receptacle, shall have any exposed iron or steel except machinery necessary for the manufacture in the interior thereof.
10. All explosives exceeding 5 lbs. in amount of the 1st division of the 6th (ammunition) class or of the 2nd division of the 7th (fire-work) class, and all other explosives exceeding 1 lb. in amount, shall be kept in a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosives from escaping, and if publicly exposed for sale or sold, the outermost receptacle containing such explosives shall have affixed the name of the explosives in conspicuous characters by means of a brand or securely attached label or other mark.
11. Each description of explosive which may be kept under this license shall be separated by an intervening partition of such substance and character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other. Explosives of the same class, however, may be kept together; and gunpowder may be kept with safety fuses.
12. *The license-holder shall affix to his shop or place of business a sign-board as required by rule 11 of the rules framed under the Indian Arms Act (XI of 1878), and shall post up in his shop a copy of section 28 of that Act.
13. *The license-holder shall at the time of purchase endorse upon the license of every purchaser holding a license under form VIII or IX of the forms prescribed under the Indian Arms Act (XI of 1878), the following particulars:—
 - (a) the name and address of the person who takes delivery of the article sold;
 - (b) the nature and amount of articles sold;
 - (c) the date of sale;
 and shall append his signature to the endorsement.

*These conditions are to be added only when the authority granting this license directs, by an order written thereon, that this license shall have the effect of a like license granted under the Indian Arms Act (XI of 1878).

FORM B.

(See Rule 14.)

[FEE RUPIES IN STAMPS.]

License to sell and possess gunpowder or explosive of the 1st division of the 6th (Ammunition) class or of the 7th (Fire-work) class.

Granted by the District Magistrate.

Name, etc., of license-holder and place of residence.	Place of business, factory, or shop.	Maximum quantity of explosive to be kept at any one time.	Description and quantity of explosive to be possessed and sold during the year.	Date on which license expires.
				The 31st December 190 .

District, }

190 . }

Seal.

(Signature)

of

Conditions.

1. This license is given subject to the provisions of the Indian Explosives Act (IV of 1884) and the rules thereunder.
2. The license-holder shall keep records and accounts of all explosives in stock and of all sales in such form as the Resident may from time to time direct.
3. The license-holder shall exhibit his stock and his books and records of sales to any Magistrate or to any Police Officer not below the rank of Inspector when such officer may call upon him so to do.
4. All sales of explosive under this license must be effected upon the premises shown on the face of the license.

5. An explosive shall not be sold to any child apparently under the age of 13 years.

6. The explosive shall be kept in a substantially constructed unflammable building approved by such officer as the Resident may prescribe, or in a fire-proof safe, separated from any dwelling-house, highway, street, public thoroughfare, or public place by the prescribed distances,* and made and closed so as to prevent unauthorized persons having access thereto, and to secure it from danger from without:

Provided that 50 lbs. of gunpowder, or in lieu of each pound of gunpowder not so kept 2 lbs. of explosive contained in ammunition of the 1st division of class 6, or an equivalent quantity of explosive of the 7th (fire-work) class, may be kept inside a dwelling-house or in any building other than as last aforesaid, in a receptacle exclusively appropriated to keeping explosive:

Provided also that no explosive containing its own means of ignition [other than explosive of the 1st division of the 6th (ammunition) class] shall be kept in a fire-proof safe.

7. All articles or substances of an explosive or highly inflammable nature shall be kept at a safe distance from the explosive and from any room or part of a building, fire-proof safe, or receptacle containing the same, and no one entering such room or part of any building or such safe or receptacle shall have any iron or steel in their possession, or attached to or on their boots or shoes.

8. Neither the building exclusively appropriated for the purpose of keeping the explosive, nor the fire-proof safe or receptacle referred to above, shall have any exposed iron or steel in the interior thereof: Provided that this condition shall not be obligatory in a building in which no explosive other than an explosive of the 1st division of the 6th (ammunition) class is kept.

9. All explosives exceeding 5 lbs. in amount of the 1st division of the 6th (ammunition) class or of the 2nd division of the 7th (fire-work) class, and all other explosives exceeding 1 lb. in amount shall be kept in a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosives from escaping, and when publicly exposed for sale or sold, the outermost receptacle containing such explosives shall have affixed the name of the explosives in conspicuous characters by means of a brand or securely attached label or other mark.

10. Each description of explosive which may be kept under this license shall be separated by an intervening partition of such substance and character, or by such intervening space as will effectually prevent explosion or fire in the one communicating with the other. Explosives of the same class, however, may be kept together, and gunpowder may be kept with safety fuzes.

*In the case of gunpowder, 100 yards.

In the case of explosives of the 1st division of the 6th (ammunition) class or of the 7th (fire-work) class, 50 yards.

11. *The license-holder shall affix to his shop or place of business a sign-board as required by rule 13 of the rules framed under the Indian Arms Act (XI of 1878), and shall post up in his shop a copy of section 28 of that Act.

12. *The license-holder shall at the time of purchase endorse upon the license of every purchaser holding a license under Form VIII or IX of the forms prescribed under the Indian Arms Act (XI of 1878), the following particulars:—

- (a) the name and address of the person who takes delivery of the articles sold;
- (b) the nature and amount of the articles sold;
- (c) the date of sale;

and shall append his signature to the endorsement.

FORM C.

(See Rule 14.)

FEE EIGHT ANNAS IN STAMPS.

License to possess gunpowder or an explosive of the 1st division of the 6th (Ammunition) class or of the 7th (Fire-work) class.

Granted by the District Magistrate.

Name, etc., of license-holder and place of residence.	Description and quantity of explosive to be possessed during the year.	Place with full details where explosive is to be possessed.	Maximum quantity of explosive to be kept at any one time.	Date on which license expires.
1	2	3	4	5
				The 31st of December 190 .

District,

190 .

Seal.

Signature.

of

Conditions.

1. This license is given subject to the provisions of the Indian Explosives Act (IV of 1884), and the rules thereunder.

2. The explosive shall be kept in a substantially constructed unflammable building approved by such officer as the Resident may prescribe, or in a fire-proof safe, separated from any dwelling-house, highway, street, public thoroughfare, or public place by the prescribed distances,[†] and made and closed so as to prevent unauthorized persons having access thereto, and to secure it from danger from without:

Provided that 50 lbs. of gunpowder, or in lieu of each pound of gunpowder not so kept 1 lb. of explosive contained in ammunition of the 1st division of class 6 or an equivalent quantity of explosive of the 7th (fire-work) class may be kept inside a dwelling-house or in any building other than as last aforesaid in a receptacle exclusively appropriated to keeping explosive;

Provided also that no explosive containing its own means of ignition [other than explosive of the 1st division of the 6th (ammunition) class] shall be kept in a fire-proof safe.

3. All articles or substances of any explosive or highly inflammable nature shall be kept at a safe distance from the explosive and from any room or part of a building, fire-proof safe, or receptacle containing the same, and no one entering such room or part of any building or such safe or receptacle shall have any iron or steel in their possession, or attached to or on their boots or shoes.

4. Neither the building exclusively appropriated for the purpose of keeping the explosive nor the fire-proof safe or receptacle referred to above shall have any exposed iron or steel in the interior thereof. Provided that this condition shall not be obligatory in a building in which no explosive other than an explosive of the 1st division of the 6th (ammunition) class is kept.

5. All explosive exceeding 5 lbs. in the amount of the 1st division of the 6th (ammunition) class or of the 2nd division of the 7th (fire-work) class, and all other explosives exceeding 1 lb. in amount shall be kept in a substantial case, bag, canister or other receptacle made and closed so as to prevent the explosives from escaping.

* These conditions are to be added only when the authority granting this license directs, by an order written thereon, that this license shall have the effect of a like license granted under the Indian Arms Act (XI of 1878).

[†] In the case of gunpowder, 100 yards.

In the case of the explosive of the 1st division of the 6th (ammunition) class or of the 7th (fire-work) class, 50 yards.

5. Each description of explosive which may be kept under this license, shall be separated by an intervening partition of such substance and character or by such intervening space as will effectually prevent explosion or fire in the one communicating with the other. Explosives of the same class, however, may be kept together, and gunpowder may be kept with safety fuzes.

7. The license-holder shall at the time of purchase have the following particulars endorsed upon his license by the vendor from whom he purchases and under the vendor's signature :—

- (a) the name and address of the person who takes delivery of the article purchased ;
- (b) the nature and amount of the articles purchased ;
- (c) the date of purchase.

FORM D.

(See Rule 20.)

License to possess explosives.

FEE FIVE RUPEES IN STAMPS.

Granted by the District Magistrate.

Name, etc., of license-holder and place of residence.	Place of business or shop.	Description of explosive.	Maximum quantity of explosive (not exceeding 60 lbs.) to be kept at any one time.	Date on which license expires.

District,

190 . }

Seal.

(Signature.)

of

Conditions.

1. This license is given subject to the provisions of the Indian Explosives Act (IV of 1884) and the rules thereunder.

2. The explosive shall be kept in a substantially constructed building exclusively appropriated for the purpose and detached from a dwelling-house, and at a safe distance from any highway, street, public thoroughfare, or public place, made and closed so as to prevent unauthorized persons having access thereto, and to secure it from danger from without :

Provided that a quantity not exceeding 15 lbs. of such explosive may be kept inside any building other than as last aforesaid, in a receptacle exclusively appropriated to keeping explosive.

3. All articles or substances of any explosive or highly inflammable nature shall be kept at a safe distance from the explosive and from any building or receptacle containing the same.

4. Neither the building exclusively appropriated for the purpose of keeping the explosive nor the receptacle shall have any exposed iron or steel in the interior thereof.

5. All such explosives exceeding 1 lb. in amount shall be kept in a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosives from escaping.

6. Each description of explosive which may be lawfully kept under this license, shall be separated by an intervening partition of such substance and character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other.

7. The license-holder shall at the time of purchase have the following particulars endorsed upon his license by the vendor from whom he purchases and under the vendor's signature :—

- (a) the name and address of the person who takes delivery of the articles purchased ;
- (b) the nature and amount of the articles purchased ;
- (c) the date of purchase.

FORM E.

(See Rule 23.)

FEE TWENTY RUPEES IN STAMPS.

License to possess explosives.

Granted by the Resident.

Name of licensee-holder and residence.	Boundaries of the land forming the site of the magazine to which the license applies.	Situation, character, and construction of the buildings and works connected with the magazine.	Description of explosive to be possessed.	Amount of explosive to be possessed at the same time in the magazine and within the boundaries of the site thereof.	Date on which license expires.

District,

190 . }

Seal.

(Signature.)

of

Conditions.

1. This license is given subject to the provisions of Indian Explosives Act (IV of 1884) and the rules thereunder.

2. There shall not be at the same time in the magazine an amount of explosive exceeding the amount specified in the license.

3. The magazine shall be used only for the keeping of the explosive or explosives specified in the license, and of receptacles for, or tools or implements for work connected with, the keeping of such explosive or explosives.

4. The interior of the magazine and the benches, shelves, and fittings therein, shall be so constructed or so lined or covered as to prevent the exposure of any iron or steel, and the detaching of any grit, iron, steel, or similar substances in such manner as to come into contact with the explosive, and such interior, benches, shelves, and fittings shall, so far as is reasonably practicable, be kept free from grit and otherwise clean; and in the case of any explosive being possessed which is liable to be dangerously affected by water, due precautions shall be taken to exclude water therefrom.

Provided that so much of this condition as relates to precautions against the exposure of any iron or steel and the detaching of any grit, iron, steel, or similar substances shall not be obligatory in a building in which no explosive other than an explosive of the 1st division of the 6th (ammunition) class is kept.

5. The magazine shall have attached thereto a sufficient lightning conductor which shall be tested at least once during the currency of a license.

6. Before repairs are done to or in any part of a room or magazine, it shall, as far as is practicable, be cleaned by the removal of all explosive or mixed ingredients thereof, and the thorough washing out of such room or part; and after such cleaning, these conditions shall cease to apply to such room or part of the magazine until explosive is again taken into it, provided that this condition shall not be obligatory in a magazine in which no explosive other than an explosive of the 1st division of the 6th (ammunition) class is kept.

7. Except after such cleaning, all tools and implements used in, or in any repairs to, any part of the magazine shall be made only of wood, copper, or brass, or some soft metal or material, or shall be covered with some safe and suitable material; provided that this condition shall not be obligatory in a magazine in which no explosive other than an explosive of the 1st division of the 6th (ammunition) class is kept.

8. Due provision shall be made by the use of suitable working clothes without pockets, suitable shoes, searching and otherwise, or by some such means for preventing the introduction into the magazine of fire, lucifer matches, or any substance or article likely to cause explosion or fire, or any iron, steel, or grit; but this rule shall not prevent the introduction of an artificial light of such construction, position, or character as not to cause any danger of fire or explosion.

Provided that so much of this condition as applies to the exclusion of grit, iron, or steel shall not be obligatory in a building in which no explosive of the 1st division of the 6th (ammunition) class is kept.

9. No person shall smoke in any part of the magazine.

10. No person under the age of 16 years shall be employed in or enter the magazine except in the presence and under the supervision of some grown up person.

11. Two or more descriptions of explosive which may lawfully be possessed in a licensed magazine, may be possessed in the same magazine, if they are separated from each other by an intervening partition of such substance and character, or by such intervening space, as will effectually prevent explosion or fire in the one communicating with the other, subject to the following qualifications:—

- (a) The various explosives of classes 1 (gunpowder), 2 (nitrate-mixture), 3 (nitro-compound), and 4 (chlorate-mixture), safety fuse belonging to the 1st division of class 6 (ammunition), and such of the various explosives of the 2nd division of class 6 (ammunition) as do not contain any exposed iron or steel, may be kept with each other without any intervening partition or space.
- (b) The various explosives of the 1st division of class 6 (ammunition) may be kept with each other without any intervening partition or space.
- (c) Such of the various explosives of the 2nd division of class 6 (ammunition) as contain any exposed iron or steel may be kept with each other without any intervening partition or space.
- (d) The various explosives of the 3rd division of class 6 (ammunition) may be kept with each other without any intervening partition or space.
- (e) The various explosives of class 7 (fire-work) may be kept with each other without any intervening partition or space.

Save as aforesaid, two or more descriptions of explosives shall not be kept in the same magazine.

12. The licensee and every person employed in or about the magazine shall take all due precaution for the prevention of accidents by fire or explosion in the same, and for preventing unauthorized persons having access to the magazine or to the explosives therein, and shall abstain from any act whatever which tends to cause fire or explosion, and is not reasonably necessary for the purpose of the work in such magazine.

FORM F.

(See Rule 29)

FEE FIVE RUPEES IN STAMPS.

License to sell explosives.

Granted by the District Magistrate.

Name, etc., of licensee-holder and place of residence.	Place of business or shop.	Description of explosive to be sold.	Date on which license expires.

District,)
190 . }

Seal.

(Signature.)

of

Conditions.

1. This license is given subject to the provisions of the Indian Explosives Act (IV of 1884) and the rules thereunder.
2. The licensee-holder shall keep records and accounts of all explosives in stock, and of all sales, in such form as the Resident may from time to time direct.
3. Explosives shall not be sold to any child apparently under the age of 13 years.
4. All explosives exceeding 1 lb. in weight, when publicly exposed for sale or sold, shall be in a substantial case, bag, canister, or other receptacle made and closed so as to prevent the explosives from escaping, and the outermost receptacle containing such explosives shall have affixed the name of the explosives with the word "Explosive" added thereto in conspicuous characters by means of a brand or securely attached label or other mark.

FORM G. Indian Explosives Act, 1884.

Form of application to the Resident for license for a Magazine for gunpowder
or other explosive.

<p>1. Applicant's Name</p> <p style="padding-left: 40px;">" Calling</p> <p style="padding-left: 40px;">" Address</p> <p>NOTE.—In cases where the application is made on behalf of a company, the name, calling, and address of the company, and the name of the manager or agents, should be given.</p> <p>2. Situation of the proposed Magazine :—</p> <p style="padding-left: 40px;">Presidency or Province</p> <p style="padding-left: 40px;">District</p> <p style="padding-left: 40px;">Village</p> <p>3. Explosive proposed to be stored :—</p> <p style="padding-left: 40px;">Class</p> <p style="padding-left: 40px;">Division (if any)</p> <p style="padding-left: 40px;">Name and description</p> <p>NOTE.—The class and division (if any) stated should be in accordance with the classification in the General Rules to regulate the transport, manufacture, possession, and sale of explosives published in Resident's Notification No. dated</p> <p>4. Draft license containing the terms which the applicant proposes to have inserted, and specifying such of the matters stated below as are applicable</p> <p>NOTE.—A draft license must be attached to this application and be accompanied by a plan of the proposed magazine and of the site, with the boundaries thereof, drawn to scale.</p> <p>The plan should also show the distance from the proposed magazine of the room (if any) to be used in connection therewith for the filling of cartridges for small arms with explosives, in pursuance of rule 28 of the Rules under the Indian Explosives Act, 1884, for the transport, manufacture, possession, and sale of explosives; and of the workshop (if any) to be used in connection therewith for the adaptation or preparation of explosives, in pursuance of rule 28A of the Rules under the Indian Explosives Act, 1884, for the transport, manufacture, possession, and sale of explosives; and if both a room and workshop are to be used, the distance of the room from the workshop.</p> <p>The matters referred to above, and required (so far as applicable) to be specified, are as follows:—</p> <p>(a) The boundaries of the land forming the site of the magazine, and either any belt of land surrounding the site which is to be kept clear, and the buildings and works from which is to be kept clear, or the distances to be maintained between the magazine, or any part thereof, and other buildings and works (<i>for buildings and works here referred to, see 1st column of table of distances prescribed by the Government of India</i>); and</p> <p>(b) The situation, character, and construction of all the mounds, buildings, and works on or connected with the magazine, and the distances thereof from each other; and</p> <p>(c) The nature of the work, if any, to be carried on in connection with the magazine, and the place at which such work is to be carried on, and the places in the magazine at which explosive and any articles liable to spontaneous ignition, or inflammable or otherwise dangerous, are to be kept; and</p> <p>(d) The situation of each building forming part of the magazine in which explosive is to be kept, and the maximum amount of explosive to be kept in each such building; and</p> <p>(e) Any special terms which the applicant may propose by reason of any special circumstances arising from the locality, the situation, or construction of any buildings or works, or the nature of any process, or otherwise.</p>	<p>The Replies to be written in this column.</p>
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5. Remarks

Signature of Applicant

Postal Address of Applicant

Date of Application

FORM H.

Indian Explosives Act, 1884.

Distances from the Magazine proposed to be established at

{ Presidency or Province.

{ District

{ Village

To be kept clear from the undermentioned Buildings and Works.

BUILDINGS AND WORKS.	Distance to be kept clear, not less than	Reply.	REMARKS.
Room used in connection with the magazine in pursuance of rule 28 of the Rules under the Indian Explosives Act, 1884, for the manufacture, possession, and sale of explosives	yards.		
Workshop used in connection with the magazine in pursuance of rule 28A of the Rules under the Indian Explosives Act, 1884, for the transport, manufacture, possession, and sale of explosives	"		
Private railway	"		
Highway or public footpath	"		
Open air public meeting place (such as a market)	"		
Canal or navigable water	"		
Dock	"		
River wall or sea wall	"		
Pier or jetty	"		
Reservoir or bunded tank	"		
Room or workshop in connection with another Magazine, store, or registered premises	"		
Any other room or workshop or any shop	"		
Any other explosive magazine or store for explosives	"		
Furnace, kiln, or chimney	"		
Public railway	"		
Dwelling-house with the consent in writing of the occupier	"		
Dwelling-house without such consent	"		
Factory not belonging to Government	"		
Church, chapel, or hospital	"		
Public institution or building	"		
Government building	"		
Factory or magazine occupied by Government of India or any Department under that Government, with the consent in writing of the Government of India or any such Department	"		
Do. without such consent	"		
Viceroyal Residence	miles.		

NOTE.—The applicant for the licence should state in the third column whether he is able to observe the distances assigned in the second column, or not. In any case where he is unable to observe the full distance assigned, he should state what distance he can observe and in the column of "Remarks" should set forth the grounds, if any, upon which he relies as justifying such reduction of distance, e.g., whether the magazine will be protected by mounds or by the natural features of the ground, or otherwise.

Signature of Applicant

Postal Address of Applicant

Date

* The distances will be required to be kept clear not merely on the first establishment of the magazine, but during the continuance of the licence.

SCHEDULE A.

Indian Explosives Act, 1884.

Distances to be maintained between the magazine and other buildings and works :—

From every	NOT LESS THAN
Room used in connection with the magazine, in pursuance of rule 28 of the Rules under the Indian Explosives Act, 1884, for the manufacture, possession, and sale of explosives	
Workshop used in connection with the magazine, in pursuance of rule 33 of the Rules under the Indian Explosives Act, 1884, for the manufacture, possession, and sale of explosives	
Private railway	
Highway or public footpath	
Open air public meeting place (such as a market)	
Canal or navigable water	
Dock	
River wall or sea wall	
Pier or jetty	
Reservoir or bunded tank	
Room or workshop in connection with another magazine, store, or registered premises	
Any other room or workshop, or any shop	
Any other Explosive Magazine or store for explosives	
Furnace, kiln, or chimney	
Public railway	
Dwelling-house, <i>with</i> the consent, in writing, of the occupier	
Dwelling-house, <i>without</i> such consent	
Factory not belonging to Government	
Church, chapel or hospital	
Public institution or building	
Government building	
Factory or magazine occupied by Government of India, or any other Department under that Government, <i>with</i> the consent, in writing, of the Government of India, or any such Department	
Ditto, <i>without</i> such consent	
Viceroyal Residence	

Provided that, in the case of any building or work above mentioned which is so screened from the Magazine by the natural features of the ground, or by good and sufficient artificial mounds of earth as not to be visible from any part of such Magazine, the distance assigned above as that to be observed between such building or work and the Magazine may be reduced by one-half.

Provided also that, in the case of any building or work above mentioned which is so screened from the Magazine by an intervening hill, that a line drawn from any part of such building or work to any part of such Magazine would pass through such hill, the distance assigned by this Schedule as that to be observed between such building and work and the Magazine may be reduced by three-fourths, subject nevertheless to a notification in writing from a Government Inspector, that in his judgment the intervening hill, in respect of which such reduction is claimed, is not of a character to justify such reduction, whereupon this proviso authorizing such reduction as aforesaid shall be deemed not to apply in respect of the said building or work.

NOTE.—The quantity of Explosives in the column headed "Amount of Explosive" is reckoned as 1 lb. of Gunpowder.

DISTANCES TO BE KEPT CLEAR FROM—	AMOUNT OF EXPLOSIVE ALLOWED IN THE MAGAZINE (IN POUNDS.)																			
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
Private railway	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Highway or public footpath	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Open air public meeting place (such as a market)	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Canal or navigable water	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Dock	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
River wall or sea wall	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Pier or jetty	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Reservoir or landed tank	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Room or workshop in connection with another magazine, store, or registered premises	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Any other room or workshop or any shop	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Any other explosive magazine or store for explosives	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Furnace, kiln or chimney	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Public railway	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Dwelling-house, with the consent, in writing, of the occupier	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Dwelling-house, without such consent	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Factory not belonging to Government	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Church, chapel or hospital	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Public institution or building	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Government building	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Factory or Magazine, occupied by Government of India or any Department under that Government	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
(1) with the consent in writing of the Government of India or any such Department	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
(2) With	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
without such consent	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50
Viceroy's Residence	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50	50

NOTE.—(a) This table furnishes the basis on which applications for licences will be considered, but is susceptible to modification under special circumstances on the advice of the Chief Inspector of Explosives with the Government of India.

(b) This rule applies to two or more magazines, on the same premises, belonging to the same occupier, or by mutual consent of the respective occupiers.

(c) Detonators may be kept in an annexe near to an adjoining magazine under the following conditions:—

- The amount of explosives contained in the detonators must not exceed 100 lbs. reckoned in the proportion of not less than 2 lb. of explosives per 1,000 detonators. (This proportion represents roughly about 44,000 detonators of "estuple" strength; with detonators of greater strength the number would be of course less.)
- The detonator annexe must be so constructed that not less than 2 feet of masonry and 3 feet of air-space shall intervene between any detonators in such annexe and the interior of the main magazine.

TABLE SHOWING DISTANCES TO BE KEPT CLEAR ROUND EXPLOSIVES MAGAZINES—continued.
(PRESCRIBED BY THE GOVERNMENT OF INDIA.)

In any case where any of the items enumerated in column 1 of this Table is, in the opinion of an Inspector of Explosives, effectively screened from a magazine, either by the natural features of the ground or by good and substantial artificial mounds of earth or mine refuse of such height that a line drawn from any part of the magazine to any part of the item in question will pass through the intervening ground or mound, the distance from that item (except for quantities of 1,000 lbs. of explosives and under) will be reduced to one-half. Provided that when a natural hill so intervenes as to afford a degree of protection which, in the opinion of an Inspector of Explosives, justifies a further reduction, the distance shown in the Table will be reduced to one-quarter. In no case, however, is the distance from a Magazine Residence to be less than one mile.
N.B.—The figures in small italics are distances to be observed when ordinary Gunpowder only is to be stored or other Explosives up to the equivalent of 5,000 lbs. of Gunpowder, every half pound of such other Explosive being reckoned as 1 lb. of Gunpowder.

DISTANCES TO BE KEPT CLEAR FROM—	AMOUNT OF EXPLOSIVE ALLOWED IN THE MAGAZINE (IN POUNDS)																			No. of Explosives
	40,000 lbs.	42,000 lbs.	44,000 lbs.	46,000 lbs.	48,000 lbs.	50,000 lbs.	52,000 lbs.	54,000 lbs.	56,000 lbs.	58,000 lbs.	60,000 lbs.	62,000 lbs.	64,000 lbs.	66,000 lbs.	68,000 lbs.	70,000 lbs.	72,000 lbs.	74,000 lbs.	76,000 lbs.	
Room used in connection with the magazine, in pursuance of the Rules of the Indian Explosives Act, 1884, for the manufacture, possession and sale of explosives	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	100
Workshop used in connection with the magazine in pursuance of the Indian Explosives Act, 1884, for the manufacture, possession and sale of explosives [see note (b)]	140	142	144	146	148	150	152	154	156	158	160	162	164	166	168	170	172	174	176	200
Private railway																				
Highway or public footpath																				
Open air public meeting place (such as a market)																				
Canal or navigable water																				
Dock																				
River wall or sea wall																				
Pier or jetty																				
Reservoir or bunded tank																				
Room or workshop in connection with another magazine, store, or registered premises																				
Any other room or workshop or any shop	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	800
Any other explosive magazine or store for explosives																				
Surface, kiln, or chimney																				
Public railway	400	475	485	500	510	525	540	550	565	575	590	605	615	630	640	655	670	685	705	850
Dwelling house, with the consent, in writing, of the occupier	400	415	430	445	460	475	490	505	520	535	550	565	580	595	610	625	640	655	670	825
Dwelling-house, without such consent	1525	1590	1655	1720	1785	1850	1915	1980	2045	2110	2175	2240	2305	2370	2435	2500	2570	2640	2710	3500
Factory not belonging to Government																				
Church, chapel or hospital																				
Public institution or building																				
Government building																				
Factory or magazine occupied by Government of India or any Department under that Government																				
(1) with the consent in writing of the Government of India or any such Department																				
(2) without such consent																				
Without breaching																				
Vertical breaching																				
	2865	2900	2935	2970	3005	3040	3075	3110	3145	3180	3215	3250	3285	3320	3355	3390	3425	3460	3495	3520

Notwithstanding the above, the distances to be kept clear from explosives magazines shall be determined by the Chief Inspector of Explosives with the sanction of the Government of India.

APPOINTMENTS AND REMOVALS.

BANGALORE RIFLE VOLUNTEERS.

The 13th July 1903.

No. 3260.—Reverend James Maurice Vissac, B.Sc., to be removed from the rolls of the Corps, with effect from 1st April 1903, having permanently left the station.

Reverend Louis Froger, M.A., to be Honorary Chaplain, with effect from 1st April 1903, *vice* Vissac, removed from the rolls of the Corps.

By order,

R. M. KING,

First Assistant Resident.

 THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 8th July 1903.

No. 139.—Lieutenant-Colonel G. W. P. Dennys, I.M.S., made over charge of the duties of Superintendent of the Peshawar Jail to Captain G. Tate, I.M.S., on the afternoon of the 20th June 1903.

No. 140.—Captain G. Tate, I.M.S., assumed charge of the civil medical duties of Peshawar District on the afternoon of the 20th of June 1903, relieving Lieutenant-Colonel G. W. P. Dennys, I.M.S.

The 9th July 1903.

No. 141.—Captain F. A. Watling, I.M.S., assumed charge of the civil medical duties of Wano on the forenoon of the 18th of June 1903, relieving Captain J. W. D. Megaw, I.M.S.

The 11th July 1903.

No. 150.—Captain A. B. Fry, I.M.S., made over charge of the duties of Superintendent of the Kohat Jail to Lieutenant J. Woods, I.M.S., on the afternoon of the 24th June 1903.

By order,

R. I. R. GLANCY,

Asst. Secretary to the Chief Commissioner,
N.-W. Frontier Province.

 POWERS.

The 18th June 1903.

No. 123-D.—Under the provisions of section 360 of the Code of Civil Procedure, Munshi Mahomed Sarfaraz Khan, Extra Assistant Commissioner, Kohat, is invested with the powers of a District Court for the purposes of sections 344 to 359 (both inclusive) of that Code, and also under section 26 of Act VII of 1889, with the powers of a District Court under that Act.

 TRANSFER AND APPOINTMENT.

The 9th July 1903.

No. 142.—On transfer from the Kohat district, Captain J. B. Bowring, Assistant Commissioner, is appointed to officiate as Political Agent, Wano, during the absence of Mr. F. W. Johnston, I.C.S., appointed to officiate as Secretary to the Chief Commissioner, North-West Frontier Province; or until further orders, and assumed charge of his duties on the forenoon of the 21st June 1903.

LEAVE.

The 9th July 1903.

No. 143.—Mr. D. Donald, C.I.E., Commandant, Border Military Police, Kohat, and Samana Rifles, has obtained privilege leave of absence for six weeks under Article 260 of the Civil Service Regulations, with effect from the 15th July 1903, or such subsequent date as he may avail himself of it.

The 10th July 1903.

No. 145.—Mr. E. W. Tomkins, District Superintendent of Police, Bannu, has obtained privilege leave for two months, under Article 260 of the Civil Service Regulations, with effect from 1st August 1903, or such subsequent date as he may avail himself of it.

No. 147.—Mr. E. G. Gregson, Assistant District Superintendent of Police, is granted one month's special Blockade privilege leave under Government of India, Foreign Department, telegram No. 1177-F., dated the 4th May 1902, with effect from the 27th July 1903, or such subsequent date as he may avail himself of it.

No. 149.—Lieutenant S. F. Muspratt, I.A., Officiating Adjutant, 1st Battalion, Khyber Rifles, has obtained privilege leave of absence for 60 days under paragraph 659, Army Regulations, India, Volume I, Part I, with effect from the 13th July 1903, or such subsequent date as he may avail himself of it.

APPOINTMENTS.

The 9th July 1903.

No. 144.—Mr. E. C. M. Cooke, Adjutant, Border Military Police, Kohat, and Samana Rifles, is appointed to officiate as Commandant of that Corps, in addition to his own duties, during the absence of Mr. Donald on leave, or until further orders.

The 10th July 1903.

No. 146.—Mr. M. G. Wall, Assistant District Superintendent of Police, Peshawar, is appointed to officiate as District Superintendent of Police, Bannu, during the absence on leave of Mr. E. W. Tomkins.

RESUMPTION OF CHARGE.

The 10th July 1903.

No. 148.—On return from the leave of absence granted to him in Notification No. 113, dated 8th June 1903, Mr. R. I. R. Glancy, I.C.S., resumed charge of his duties as Assistant Secretary to the Chief Commissioner, North-West Frontier Province, on the forenoon of the 1st July 1903.

By order,

F. W. JOHNSTON,

Offg. Secretary to the Chief Commissioner,
N.-W. Frontier Province.

REVENUE AND FINANCIAL SECRETARY TO CHIEF COMMISSIONER,
NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 13th July 1903.

No. 1205-G.—In accordance with the powers conferred on him by section 47 (a) of the Hazara Forest Regulation of 1893, the Hon'ble the Chief Commissioner, North-West Frontier Province, hereby directs that the term "Kágán Iláqá" as employed in section 10 (3) of the aforesaid Regulation be taken to denote the lands of the following villages in the Mausehra Tahsil of the Hazara District:—Kágán, Jared, Bhúnjá, Mánúr, Phagal Bhutandes, Kamálban, Bela Kawai, Sangar, Ghanul, Hingrai, Balakot.

No. 1206-G.—In accordance with the powers conferred on him by Section 47 (c) of the Hazara Forest Regulation of 1893, the Hon'ble the Chief Commissioner, North-West Frontier Province, is pleased to empower the officer in charge of the Hazara Forest Division to carry out and regulate improvement fellings in the village wastes of the Kágán Iláqá, as defined in Notification No. 1205-G., dated 13th July 1903, with a view to the improvement of deodár trees, which are State property.

M. F. O'DWYER,
Revenue and Financial Secretary to Chief Commissioner,
N.-W. Frontier Province.

NORTH-WEST FRONTIER PROVINCE.—PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Peshawar, the 5th July 1903.

No. 63.—Whereas it appears to the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely,

Land required permanently by Government for rebuilding Katch Kot Bridge in mile 2 on Bannu Datta-Khel Road.

It is hereby declared that the undermentioned land is required for the said purpose:—

Specification of Land.

DISTRICT.	Parganah.	Mouzah.	Area in acres.	Direction.	Boundaries.	Place where the plans may be inspected.
Bannu	Bannu	Mamaah Khel	10344	South-West of Katch Kot Bridge on Bannu Datta-Khel Road.	North, Bannu Datta-Khel Road; East, Katch Kot Canal; West, land of Akbar Ali Khan and Zerdast Khan; South, Land of Gul and Nasha Orang, etc.	Office of Commanding Royal Engineer, Kohat.

This declaration is made under the provision of Section 6, Act I of 1894, and under Section 7 of the said Act; the Deputy Commissioner, Bannu, is hereby directed to take order for the acquisition of the land specified above.

F. H. OLDFIELD, Major, R.E.,
Offg. Secy. to the Hon'ble the Agent to the Governor-General and
Chief Commissioner, N.-W. Frontier Province,
P. W. Department.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Statement showing the number of Births registered according to classes in the Districts of the North-West Frontier Province during the month of May 1903.

May 1903.

Number	Districts.	3			4			5			6			7			8	Birth-rate per mille per annum.	Number.
		CHRISTIANS.			HINDUS.			MAHOMEDANS.			OTHER CLASSES.			TOTAL.					
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.			
1	2	1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	2	1	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Hazara	...	...	...	25	30	55	708	670	1,378	...	...	...	733	700	1,433	30	1
2	Peshawar	...	...	...	52	28	80	1,045	788	1,833	...	1	1	1,097	817	1,914	30	2
3	Kohat	...	...	...	7	5	12	234	180	414	...	...	...	241	185	426	25	3
4	Bannu	...	...	...	25	19	44	262	225	487	...	...	...	287	244	531	28	4
5	Dera Ismail Khan	...	1	1	48	26	74	192	171	363	...	...	...	240	198	438	21	5
	Total	...	1	1	157	108	265	2,441	2,034	4,475	...	1	1	2,598	2,144	4,742	28		

W. A. SYKES, Lt-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 7th July 1903.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 6th June 1903.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			CAUSE OF DEATH.								INFANTS UNDER ONE YEAR OF AGE.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	Number.	
				Males.	Females.	Total.	Males.	Females.	Total.	Fever.	Dysentery and Diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	{	Abbottabad	3,395	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2		Nawashahr	4,114	...	5	5	1	1	1	1	...	1	63	13	2
3		Bufla	7,029	1	2	3	2	2	2	1	...	1	22	15	3
4		Haripur	5,578	4	1	5	3	1	2	2	1	1	...	1	47	28	4
5	Peshawar	Peshawar	73,343	21	17	38	54	29	25	4	...	...	33	3	5	...	9	8	4	12	27	38	5
6	Kohat	Kohat	18,092	2	2	4	6	5	3	...	...	...	3	...	...	...	3	1	...	1	12	23	6
7	{	Bannu	10,070	...	1	1	8	4	4	...	...	...	4	1	...	...	3	...	1	1	5	41	7
8		Lakki	5,218	2	2	4	4	2	2	...	...	...	4	...	...	...	...	...	...	...	40	40	8
9	{	Dera Ismail Khan	28,287	6	4	10	12	7	5	...	...	...	8	...	1	...	3	4	...	4	18	22	9
10		Kulachi	9,125	8	2	10	9	5	4	...	...	...	6	1	...	...	2	2	...	2	57	51	10
		TOTAL	164,251	44	36	80	101	56	4	...	...	...	63	5	8	...	21	18	5	23	95	32	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 6th June 1903.
 Births and Deaths in Municipal Towns.—In the 10 Municipal Towns, 80 births were registered (44 males and 36 females), giving a birth-rate of 25 per mille of population; 101 deaths were registered (56 males and 45 females), giving a death-rate of 32 per mille of population.

There were 4 deaths registered under the head of cholera. They occurred in the Municipal town of Peshawar.

Peshawar, the 7th July 1903.

W. A. SYKES, Lt-Col., I.M.S.,
 Administrative Medical Officer, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

MORTUARY RETURN FOR THE MONTH OF MAY 1903.

Deaths registered from different causes in each district of the North-West Frontier Province during the month of May 1903.

District.	Number.	Population according to the Census of 1901.	Births.	Deaths.	Birth-rate per mille per annum.	Death-rate per mille per annum.	SMALL-POX.										CHOLERA.				PEVER.				DYSENTERY AND DIARRHŒA.				RESPIRATORY DISEASE.								INJURIES.								ALL OTHER CAUSES.				TOTAL DEATHS FROM ALL CAUSES.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
							Children under one year.		One to under ten years.		Ten and over ten years.		Total of small-pox.		Plague.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Remarks by the Administrative Medical Officer, North-West Frontier Province.

Remarks by the Administrative Medical Officer, North-west Frontier Province.

and seven hundred and forty-two births were registered in the Province during the month of May 1933, giving a birth-rate of 28 per mille of population. Of the total number of births, 2,598 were boys and 2,144 girls.

Number of deaths registered from all causes in the Province during the month of May 1933, was 4,148 against 3,463 in the corresponding month of the previous month, and 3,909 in the corresponding month of the past year, giving an annual death-rate of 25.21 and 23 per mille of population per annum, respectively.

Deaths registered under the head of cholera, against 3 in the previous month. From small-pox 300 deaths were registered against 334 in the previous month and 166 in the corresponding month of the past year. There were not a single death from diphtheria.

Deaths registered against 2,300 in the previous month; and 3,053 in the corresponding month of the past year; dysentery and diarrhoea, 55 against 29 in the corresponding month of the past year, and 115 against 75 in the corresponding month of the past year.

Deaths registered against 2,300 in the previous month; and 3,053 in the corresponding month of the past year; dysentery and diarrhoea, 55 against 29 in the corresponding month of the past year, and 115 against 75 in the corresponding month of the past year.

Deaths registered against 2,300 in the previous month; and 3,053 in the corresponding month of the past year; dysentery and diarrhoea, 55 against 29 in the corresponding month of the past year, and 115 against 75 in the corresponding month of the past year.

NOTICE.

The Ahmednagar Horse-Show will be held on 5th, 6th, and 7th November 1903.

J. H. DUBOULAY,
Acting Collector.

AHMEDNAGAR,
29th June 1903.

GOVERNMENT CINCHONA FEBBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
$\frac{1}{2}$ "	5	6	6
$\frac{1}{4}$ "	2-8	3	4

PURE SULPHATE OF QUININE.

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16, or post-free, R16-8
$\frac{1}{2}$ "	R8, " R8-6
$\frac{1}{4}$ "	R4, " R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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trasse, 11.
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Books and Acts required for the public service should be obtained through Local Governments to whom the
applicant is subordinate.

Applications for Government publications which are no longer in print should be made to the Agents of the
particular Government under whose orders they were originally issued.

The amounts within parentheses are for packing and postage.

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Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government
of India on the action of the Venoms of the Cobra (*Naja Tripudians*) and of the Daboia
(*Daboia Russellii*) on the Red Blood Corpuscles and on the Blood Plasma by Captain G.
Lamb, M.D. New series, No. 4. Super-royal 4to. Limp cover. 8s. or 9d. (3s.)

FINANCE AND COMMERCE DEPARTMENT.

List of Officers in the Finance and Commerce Department corrected to June 1903. 4s. or
5d. (1s.)

STATISTICAL DEPARTMENT.

- Trade and Navigation Accounts of British India for the month of May 1903. Royal 8vo. Stitched. 8s. or 9d. (2s.)
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- The Quarterly Indian Army List for July 1, 1903. Super-royal 8vo. Paper cover. R3 or 4s. 6d. (8s.)

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- Administration Report on Railways in India for the calendar year 1902 by A. Brereton, Esq. Foolscap. Limp cover. R2 or 2s. 8d. (9s.)

LIST OF BOOKS PUBLISHED FROM JANUARY TO JUNE 1903.

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- Scientific Memoirs by Officers of the Medical and Sanitary Departments of the Government of India: Malaria in India by Captain S. P. James, M.B., (London), I.M.S., New Series, No. 2. Super-Royal 4to. Board. R1-8 or 2s. 3d. (5s.)
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**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
FROM 1ST JANUARY TO 30TH JUNE 1903.**

Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. R1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, JULY 25, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's Gazette, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777-79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's Gazette. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next Gazette."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

COMPTROLLER-GENERAL'S OFFICE.

No. 933.—Preliminary Account of Receipts and Disbursements of the Government of India for the first two months of 1903-1904 as compared with the corresponding period of 1902-1903.

INDIA.									
ENGLAND.					INDIA.				
WHOLE YEAR.					APRIL AND MAY.				
RECEIPTS.					RECEIPTS.				
WHOLE YEAR.					APRIL AND MAY.				
Preliminary Accounts, 1902-1903.					Preliminary Accounts, 1903-1904.				
Decrease.					Increase.				
Decrease.					Decrease.				
Revenue.					Revenue.				
Principal Heads of Revenue.					Principal Heads of Revenue.				
Land Revenue (including that due to Irrigation).					Land Revenue (including that due to Irrigation).				
Opium					Opium				
Salt					Salt				
Stamps					Stamps				
Excise					Excise				
Customs					Customs				
Other Heads					Other Heads				
TOTAL PRINCIPAL HEADS					TOTAL PRINCIPAL HEADS				
Interest					Interest				
Post Office, Telegraph, and Mint					Post Office, Telegraph, and Mint				
Receipts by Civil Departments					Receipts by Civil Departments				
Miscellaneous					Miscellaneous				
Railways					Railways				
Irrigation (excluding Land Revenue due to Irrigation)					Irrigation (excluding Land Revenue due to Irrigation)				
Other Public Works					Other Public Works				
Receipts by Military Department					Receipts by Military Department				
TOTAL REVENUE					TOTAL REVENUE				
Railway and Irrigation Capital not charged to Revenue.					Railway and Irrigation Capital not charged to Revenue.				
Capital of Railway Companies (net Receipts)					Capital of Railway Companies (net Receipts)				
Permanent Debt (net incurred)					Permanent Debt (net incurred)				
Temporary do. (do.)					Temporary do. (do.)				
Unfunded do. (do.)					Unfunded do. (do.)				
Deposits and Advances (net)					Deposits and Advances (net)				
Loans and Advances by Imperial Government					Loans and Advances by Imperial Government				
Do. do. by Provincial Governments					Do. do. by Provincial Governments				
Capital Account of Local Boards (net Receipts)					Capital Account of Local Boards (net Receipts)				
Remittances (net)					Remittances (net)				
Secretary of State's Bills drawn					Secretary of State's Bills drawn				
TOTAL					TOTAL				
TOTAL RECEIPTS					TOTAL RECEIPTS				
Opening Balance					Opening Balance				

DISBURSEMENTS.										APRIL AND MAY.	
Preliminary Accounts, 1902-1903.		Budget, 1903-1904.		1902-1903.		1903-1904.		Increase.		Decrease.	
£	Rs.	£	Rs.	£	Rs.	£	Rs.	£	Rs.	£	Rs.
EXPENDITURE.											
Direct Demands on the Revenues											
Interest (including in India that on Capital Expenditure on Railways and Irrigation Works)											
Post Office, Telegraph, and Mint	3,003,400	2,086,800	4,700	8,700	4,000	777,300	38,600	777,300	1,100	...	...
Salaries and Expenses of Civil Departments	371,300	368,700	29,100	38,600	9,500	38,600	74,600	38,600	...	...	...
Miscellaneous Civil Charges	553,000	584,800	100,900	74,600	...	74,600	428,100	258,27,000	10,60,000	...	...
Famine Relief and Insurance	2,391,200	2,394,800	441,900	428,100	...	428,100	500	43,76,000	1,68,000	...	...
Railway Revenue Account (excluding in India Interest on Capital Expenditure)	3,900	500	800	500	...	500	...	2,04,000	...	...	11,46,000
Irrigation ditto	6,538,700	6,642,900	870,100	915,900	45,800	915,900	...	2,97,54,000	43,000	...	...
Other Public Works	1,600	1,900	100	200	...	200	...	33,48,000	2,64,000	...	...
Army Services	169,500	125,800	20,700	20,500	...	20,500	...	76,00,000	12,50,000	...	...
Special Defence Works	5,291,100	5,088,600	958,400	948,100	...	948,100	...	3,04,11,000	35,19,000	...	...
TOTAL EXPENDITURE, IMPERIAL AND PROVINCIAL	18,361,600	18,275,300	3,202,900	3,212,500	9,600	3,212,500	...	14,62,03,000	1,77,23,000	...	...
Add—Provincial Surpluses: that is, portion of allotments to Provincial Governments not spent by them in the year											
Deduct—Provincial Deficits: that is, portion of Provincial Expenditure defrayed from Provincial balances											
TOTAL EXPENDITURE CHARGED AGAINST REVENUE	18,361,600	18,275,300	3,202,900	3,212,500	9,600	3,212,500	...	14,62,03,000	1,77,23,000	...	...
Railway and Irrigation Capital not charged to Revenue.											
Capital Outlay on Railways and Irrigation Works	1,536,000	1,813,400	142,500	204,500	62,000	204,500	...	83,41,000	83,89,000	...	...
Capital Charge involved in Redemption of Liabilities	88,300	344,200	...	337,500	...	337,500	...	27,29,000	...	...	...
Capital of Railway Companies (net payments)	1,624,300	2,137,600	142,500	542,000	399,500	542,000	...	1,10,69,000	22,99,000	...	...
Total	...	...	...	...	...	...	...	...	...	...	...
Debt, Deposits, and Advances.											
Permanent Debt (net discharged)	500,000	1,500,000	1,000,000	...	...	...	...	22,000	...	...	69,000
Temporary do. (do.)	26,500	...	...	...	...	...	...	...	...	...	...
Unfunded do. (do.)	...	...	...	...	...	...	...	...	...	...	...
Deposits and Advances (net)	...	...	3,300	201,600	198,900	201,600	...	9,94,000	...	...	35,37,000
Loans and Advances by Imperial Government	...	...	...	...	...	...	...	12,62,000	...	...	3,08,000
Do. do. by Provincial Governments	...	...	...	...	...	...	...	14,67,000	...	...	...
Capital Account of Local Boards (net payments)	...	...	...	...	...	...	...	...	...	...	...
Remittances (net)	...	...	246,500	...	...	...	...	34,30,000	...	...	1,05,53,000
Secretary of State's Bills paid	...	...	...	...	...	...	...	5,10,37,000	87,19,000	...	...
Do. do. exchange	...	...	...	...	...	...	...	1,15,000	11,000	...	...
Total	526,500	1,500,000	1,249,800	201,600	1,048,200	201,600	...	5,71,25,000	...	...	1,09,18,000
TOTAL DISBURSEMENTS	20,514,400	21,023,900	4,595,800	3,956,100	699,100	3,956,100	...	21,43,31,000	96,14,000	...	...
Closing Balance	5,767,900	3,924,600	5,075,800	5,414,100	561,700	5,414,100	...	17,04,39,000	76,84,000	...	...
GRAND TOTAL	26,282,300	24,948,500	9,671,600	9,370,200	1,300,800	9,370,200	...	38,48,30,000	1,66,98,000	...	...

O. T. BARROW,
Offg. Comptroller-General

The 24th July 1903.

GOVERNMENT OF INDIA.
DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 23rd July 1903.

NOTIFICATIONS.

No. 2360 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 18th July 1903:—

No. 285 of 1903.—A. C. Wernigg, engineer, Pahartali, near Chittagong, Bengal. *A liquid fuel apparatus for heating wheel tyres.*

No. 286 of 1903.—Tom Brabson, manufacturer, of No. 473, Hudson Avenue, in the borough of Brooklyn, and George Conrad Cook, merchant, of No. 534, West 114th street, in the borough of Manhattan, both in the city of New York, United States of America. *Improvements in gas lamps.*

No. 287 of 1903.—Frederick William Hirst, manufacturer, of 32, Lees street, Ancoats, Manchester, Walter Stephen Page, mill-wright, of 108, Palmerston street, Beswick, Manchester, James Roston, overlooker, of 34, St. Ann street, Bradford, Manchester, John Irving, salesman, of 263, Edge lane, Droylsden, Manchester, and James Gregson, of the firm of Gregson and Monk, Vulcan Iron Works, Preston, England. *Improvements in automatic shuttle changing mechanism for looms.*

No. 288 of 1903.—Ernst Friedrich Wilhelm Wieda, candy manufacturer, of 212, Market street, in the city of Paterson, county of Passaic, and state of New Jersey, United States of America. *Improvements in kneading and mixing machines.*

No. 289 of 1903.—Herbert Percy Saunderson, engineer, of Elstom Works, Bedford, in the county of Bedfordshire, England. *Improvements in pumps.*

No. 290 of 1903.—Charles Joshua Greengrass, civil engineer, residing at Puttur, North Arcot district, Madras Presidency. *An apparatus for facilitating the levelling and repairing of the permanent way on railways.*

No. 291 of 1903.—Balfour Fraser McIear, engineer, of Brook Cottage, Rainhill, in the county of Lancaster, and Henry Cecil William Gibson, managing director, of 20, Bucklersbury, London, E. C., England. *Improvements in and connected with piercing and forging machinery for the manufacture of tubes or tubular articles.*

No. 292 of 1903.—William Henry Deakin, engineer, care of Messrs. King King and Company, Bombay, in British India. *A safety padlock for railway points.*

No. 293 of 1903.—E. Parbury, 2nd-Lieutenant, R.F.A., assistant superintendent, Gun Carriage Factory, Madras. *The "sporting" electric night sight.*

No. 294 of 1903.—Arthur Boyd Price, Associate Member of the Institute of Civil Engineers, partner in the firm of Messrs. Marsland, Price and Company, engineers and contractors, of Nesbit road, Mazagon, Bombay. *New or improved means for securing centring in position.*

No. 2370 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public

inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 330 of 1902.—The Foreign McKenna Process Company, a corporation organized under the laws of the state of Wisconsin, and having its principal office for doing business in Milwaukee, in said state of Wisconsin, United States of America. *Method of and apparatus for reshaping rolled products.* (Specification filed 10 July 1903.)

No. 521 of 1902.—David Decimus Coath, civil engineer, Rangoon, Burma. *Improvements in pontoon bridges and landing stages.* (Specification filed 10 July 1903.)

No. 2371 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

No. 205 of 1893.—James Roots. *Improvements in petroleum or liquid hydro-carbon engines.* (From 15 August 1903 to 15 August 1904.)

No. 66 of 1894.—Samuel Cleland Davidson and Frederick George Maguire. *A machine for packing tea or other substances in chests, cases or other like receptacles.* (From 16 August 1903 to 16 August 1904.)

No. 132 of 1894.—William Henry Casebourne. *A process of manufacturing pipes, junctions, bends and other things from dry or powdered Portland, Roman and other artificial and natural cements.* (From 31 October 1903 to 31 October 1904.)

No. 397 of 1895.—Walter Francis Reid and Edward John Vavasour Earle. *Improvements in nitro-compounds.* (From 4 August 1903 to 4 August 1904.)

No. 95 of 1896.—John French Golding. *Improvements in machines for manufacturing open or reticulated metal work.* (From 24 August 1903 to 24 August 1904.)

No. 96 of 1896.—John French Golding. *An improved method of manufacturing open or reticulated metal work.* (From 24 August 1903 to 24 August 1904.)

No. 172 of 1896.—Samuel Cleland Davidson. *Improvements in tea leaf rolling machines.* (From 20 August 1903 to 20 August 1904.)

No. 2 of 1897.—Charles Kingston Welch. *Improvements in or relating to air valves for pneumatic tyres.* (From 2 August 1903 to 2 August 1904.)

No. 28 of 1897.—Donald Barnes Morison. *Improvements in stamp mills or apparatus for crushing ores and other substances.* (From 9 August 1903 to 9 August 1904.)

No. 115 of 1897.—Walter Scott Wilkinson. *Improvements in the manufacture of paving blocks, tiles and the like.* (From 27 September 1903 to 27 September 1904.)

No. 110 of 1898.—George Labram. *A method and apparatus for separating diamonds from earthy matters.* (From 25 August 1903 to 25 August 1904.)

No. 194 of 1898.—Samuel Cleland Davidson. *Improvements in apparatus for drying tea or tobacco leaves, coffee, fruits, cloths and other substances, and for the baking of tobacco stems and other substances.* (From 25 August 1903 to 25 August 1904.)

No. 3 of 1899.—Walther Nernst. *Improvements in electric incandescent lamps.* (From 31 July 1903 to 31 July 1904.)

No. 29 of 1899.—Vinayak Anandrao Talcherkar. *A new process for settling mixings of cotton for manufacturing into yarns.* (From 25 August 1903 to 25 August 1904.)

No. 133 of 1899.—Samuel Cleland Davidson. *Improvements in means of supporting the bearings of spindles or shafts in wall brackets or frames.* (From 14 August 1903 to 14 August 1904.)

No. 134 of 1899.—Samuel Cleland Davidson. *Improvements in centrifugal fans and pumps.* (From 14 August 1903 to 14 August 1904.)

No. 217 of 1899.—Carl Auer Von Welsbach. *Improvements in the manufacture of filaments for incandescent electric lamps.* (From 14 August 1903 to 14 August 1904.)

No. 280 of 1899.—Harry Phillips Davis and Frank Conrad. *Improvements in altering current measuring instruments.* (From 9 September 1903 to 9 September 1904.)

No. 2372 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2) of the said Act, the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

No. 381 of 1898.—Konrad Trobach and Kurt Schultze. *Improvements in and connected with gas incandescence lamps.* (Specification filed 8 April 1899.)

Fee in respect of the continuance of an exclusive privilege—

- 4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—
The sum of Rs 50 for the above invention.

No. 22 of 1898.—Henry Fornaro. *An improved manufacture of water pipes.* (Specification filed 7 April 1898.)

Fee in respect of the continuance of an exclusive privilege—

- 4 (b) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—
The sum of Rs 50 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,
Secretary under the Inventions and
Designs Act, 1888.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 24th July 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 22nd July 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as security for notes under Act VIII of 1900.	TOTAL.
	R	R	R	R	R	R	R	R
Calcutta	2,92,10,000	12,35,39,810	15,27,49,810	6,28,11,423	5,72,36,630	...	...	12,00,48,053
Allahabad	...	2,65,86,900	2,65,86,900	1,24,40,860	7,44,132	...	...	1,31,85,101
Lahore	...	2,74,85,405	2,74,85,405	31,35,521	10,48,033	...	...	41,83,556
Bombay	1,20,42,143	8,58,95,360	9,79,37,503	1,70,37,224	5,81,32,955	...	...	7,51,70,179
Karachi	...	1,24,46,280	1,24,46,280	27,61,972	15,85,208	...	...	43,52,170
Madras	29,67,720	3,23,73,860	3,53,41,580	98,03,705	1,30,82,460	...	...	2,28,86,165
Calicut	...	17,13,220	17,13,220	10,31,340	93,420	...	...	11,24,760
Rangoon	...	1,46,01,245	1,46,01,245	1,94,63,540	5,49,060	...	...	2,00,12,600
	4,42,10,865	32,77,45,080	37,19,55,945					
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			9,02,295					
TOTAL R			37,10,62,650	12,84,90,594	14,25,73,110	...	...	27,10,62,704
Deduct—Amount due on Bills drawn by one Circle on another								...
NET TOTAL R								27,10,62,704
Price paid for Government Securities of the nominal value of Rs.20,81,500 held under Section 19 of the Indian Paper Currency Act, XX of 1898								9,09,00,046
GRAND TOTAL R								37,10,62,650

O. T. BARROW,
Offg. Head Commissioner of Paper Currency.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

- | | |
|-------------------|------------------------------|
| 1. Engineers. | 5. Press workers. |
| 2. Overseers. | 6. Photo-Mechanical workers. |
| 3. Sub-Overseers. | 7. Mechanical apprentices. |
| 4. Draftsmen. | 8. Metal and wood carvers. |

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enforced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th July 1903.

PARTICULARS.	3 PER CENT. LOANS			4 PER CENT. LOANS				4½ PER CENT. LOANS			GRAND TOTAL.
	3 PER CENT. 1897-97.	of 1894-95.	of 1895.	of 1899.	of 1898-94.	of 1900-08.	Total.	of 1895-96.	of 1896-97.	of 1897-98.	
Balance of 30th June 1903	1,27,57,000	1,71,85,100	1,51,01,500	2,37,04,100	100	20,00,000	17,76,58,100	6,004	5,000	40,300	15,46,13,536
Add—Amount of Promissory Notes transferred to London	..	..	..	..	..	..	..	..	..	..	..
Amount enforced at Madras up to	..	..	..	..	..	..	..	..	..	..	..
Amount enforced at Bombay up to 15th July 1903	10,000	13,400	15,700	3,500	1,000	1,000	6,500	..	..	..	75,300
Amount enforced at Calcutta between 1st and 15th July 1903	..	5,100	2,00,100	3,500	..	..	3,08,500	..	..	..	3,08,500
Balance—Amount written off in the London Registers	1,27,57,000	1,71,85,100	1,51,01,500	2,37,04,100	100	21,00,000	17,73,51,600	6,014	5,000	40,300	15,46,13,536
Balance on 15th July 1903	1,27,57,000	1,71,85,100	1,51,01,500	2,37,04,100	100	21,00,000	17,73,51,600	6,014	5,000	40,300	15,46,13,536

NOTE.—From 9th June 1903 to 15th July 1903, enforced from India 11,180 lakhs, re-transferred from

10th May 1903 = 5100 lakhs
1st June = 1500 lakhs
1st July = 1500 lakhs

10,750 lakhs.

PUBLIC DEBT OFFICE,

BANK OF BENGAL;

Calcutta, the 17th July 1903.

A. M. LINDSAY,

Offg. Secretary and Treasurer.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 21st July 1903.

LIABILITIES.			ASSETS.		
	Rs.	a. p.		Rs.	a. p.
Capital paid up	2,00,00,000	0 0	Government Securities	1,33,58,462	0 0
Reserve Fund	1,21,50,000	0 0	Other authorised Investments	45,79,664	0 0
Public Deposits			Loans on Government and other authorised Securities	2,81,13,024	8 11
at Head Office	78,41,462	10 1	Accounts of Credit on Government and other authorised Securities	1,82,03,781	3 7
Public Deposits at Branches	81,89,997	3 0	Bills discounted and purchased	1,57,15,662	7 9
Other Deposits at Head Office and Branches.	8,01,04,991	0 6	Balances with other Banks	9,71,149	5 1
Bank Post Bills, etc.	4,51,634	2 10	Bullion	1,203	9 7
Sundries	17,27,912	6 5	Dead Stock	18,10,163	12 3
			Stamps	12,534	9 3
			Sundries	10,33,345	11 6
				8,37,99,050	5 11
			Cash and Currency Notes at Head Office*	2,41,96,487	4 0
			Cash and Currency Notes at Branches†	2,24,70,459	12 11
				4,66,66,947	0 11
RUPES	13,04,65,997	6 10	RUPES	13,01,65,997	6 10

* Includes Gov. and P. Gov. value Rs. 1,15,735 0 0
† Do. do. do. = 1,96,402 8 0
Rs. 3,12,137 8 0

BANK OF BENGAL,
Calcutta, 23rd July 1903.

H. F. FRESHWATER,
Offg. Chief Accountant.

By order of the Directors,
A. M. LINDSAY,
Offg. Secretary and Treasurer.

Rate for Demand Loans 4 per cent.
Percentage 47.46.

TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Simla, the 14th July 1903.

No. 17.—Mr. C. B. Williams, Superintendent, 2nd grade, temporary, is granted privilege leave for three months under Article 260 of the Civil Service Regulations, in combination with furlough for one year and nine months under Articles 233 and 308 (b), with effect from the forenoon of the 10th July 1903.

No. 18.—Mr. H. E. Chappel, Superintendent, 2nd grade, is granted privilege leave for two months and three days under Article 260 of the Civil Service Regulations, in combination with furlough for one year and one month under Articles 233 and 308 (b), with effect from the forenoon of the 9th July 1903.

The 18th July 1903.

No. 19.—With reference to the Telegraph Department Notification No. 55, dated the 2nd of March 1903, it is notified that Mr. C. Goodall, Assistant Superintendent, 2nd grade, has been granted by His Majesty's Secretary of State for India, a further extension of three months' Extraordinary Leave on Medical Certificate without pay, with effect from the forenoon of the 7th of August 1903.

F. G. MACLEAN,
Director General of Telegraphs.

H B 2

SURVEY OF INDIA.

NOTIFICATIONS.

Simla, the 14th July 1903.

No. 283.—The following temporary promotion is made, with effect from the 4th May 1903, *vice* Mr. C. G. Lee, Extra Assistant Superintendent, 6th grade, on leave :—
Babu Amar Singh, Sub-Assistant Superintendent, 1st grade, to officiate as Extra Assistant Superintendent, 6th grade.

No. 284.—The following promotions are made, with effect from the 17th May 1903, *vice* Mr. W. A. Fielding, Extra Assistant Superintendent, 4th grade, retired :—
Mr. R. F. Warwick, Extra Assistant Superintendent, 5th grade, to be Extra Assistant Superintendent, 4th grade.
Mr. W. Skilling, Extra Assistant Superintendent, 6th grade, to be Extra Assistant Superintendent, 5th grade.

No. 285.—The following temporary promotion is made, with effect from the 17th May 1903 :—
Mr. J. H. S. Wilson, Sub-Assistant Superintendent, 1st grade, to officiate as Extra Assistant Superintendent, 6th grade.

No. 286.—The following reversion is made, with effect from the 3rd June 1903, *vice* Mr. C. G. Lee, Extra Assistant Superintendent, 6th grade, returned from leave :—
Mr. J. H. S. Wilson, Officiating Extra Assistant Superintendent, 6th grade, to revert to his substantive appointment of Sub-Assistant Superintendent, 1st grade.

The 15th July 1903.

No. 287.—The following temporary promotions are made, with effect from the 8th July 1903, *vice* Major W. J. Bythell, R.E., Superintendent, 2nd grade, on furlough :—
Mr. E. F. Litchfield, Deputy Superintendent, 1st grade, to officiate as Superintendent, 2nd grade.
Captain A. Mears, I.A., Officiating Deputy Superintendent, 2nd grade, to officiate as Deputy Superintendent, 1st grade.
Lieutenant M. O'C. Tandy, R.E., Officiating Assistant Superintendent, 1st grade, to officiate as Deputy Superintendent, 2nd grade.

ST. G. GORE, Colonel, R.E.,
Surveyor General of India.

CHIEF COMMISSIONER IN BRITISH BALUCHISTAN.

NOTIFICATION.

Quetta, the 13th July 1903.

No. 1225-Z.—In exercise of the powers conferred by section 4, sub-section (2) of the Indian Mines Act, 1901 (VIII of 1901) and with the previous sanction of the Governor-General in Council, the Hon'ble the Chief Commissioner is pleased to appoint Mr G. F. Adams to be Inspector of Mines in British Baluchistan.

By order.

C. B. WINTER, Captain,
Second Assistant

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. Forwarded V.P.P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

**DEPARTMENT OF REVENUE AND AGRICULTURE—NORTH-WEST
FRONTIER PROVINCE.**

NOTIFICATION.

Peshawar, the 17th July 1903.

No. 1236-G.—In exercise of the powers conferred on him by the Acts noted in the margin, the Hon'ble the Chief Commissioner, North-West Frontier Province, is pleased to transfer the undermentioned two estates from the Kulachi Tahsil of the Dera Ismail Khan District to the Dera Ismail Khan Tahsil of the same District:—

- (I) Mungar.
- (II) Ghamsan.

M. F. O'DWYER,
Revenue and Financial Secretary
to the Chief Commissioner,
N.-W. F. Province.

**THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.**

NOTIFICATIONS.

Peshawar, the 15th July 1903.

No. 151.—Lieutenant J. Woods, I.M.S., assumed charge of the Civil Medical duties of Kohat District on the afternoon of the 24th of June 1903, relieving Captain A. B. Fry, I.M.S.

The 18th July 1903.

No. 153.—Captain J. L. Innes, I.M.S., assumed charge of the Civil Medical duties of Hazara District on the forenoon of the 2nd of July 1903, relieving Captain T. A. Granger, I.M.S.

The 20th July 1903.

No. 156.—Captain T. A. Granger, I.M.S., made over charge of the duties of Superintendent of Abbottabad Jail, to Captain J. L. MacInnes, I.M.S., on the forenoon of the 3rd July 1903.

No. 157.—Lieutenant S. H. Lee Abbott, I.M.S., assumed charge of the Civil Medical duties of Chakdara on the forenoon of the 2nd of July 1903, relieving Lieutenant H. H. G. Knapp, I.M.S.

LEAVE.

The 15th July 1903.

No. 152.—Reverend G. A. Campbell Bell, Chaplain of Nowshera, has obtained privilege leave of absence for two months, under Article 542 (ii) of the Civil Service Regulations, with effect from the 13th July 1903, or such subsequent date as he may avail himself of it.

By order,

R. I. R. GLANCY,
Asst. Secretary to the Chief Commissioner,
N.-W. F. Province.

The 18th July 1903.

No. 154.—Mr. H. D. Watson, Settlement Officer, Hazara, has obtained privilege leave of absence for one month under Article 260 of the Civil Service Regulations, with effect from the 1st July 1903, or such subsequent date as he may avail himself of it.

APPOINTMENT.

The 18th July 1903.

No. 155.—Mr. W. S. Hamilton, Assistant Settlement officer, Hazara, is appointed to officiate as Settlement officer, Hazara, during the absence of Mr. H. D. Watson, on leave, or until further orders, and assumed charge of his duties on the afternoon of the 4th July 1903.

POWERS.

The 20th July 1903.

No. 126-D.—In accordance with the provisions of Section 40 of Act II of 1886, Lieutenant R. Garratt, Assistant Commissioner, is hereby appointed, within the limits of the districts to which he may, from time to time, be posted, to exercise the powers conferred and to perform the duties imposed by Sections 25, 26, 28 and 32 of the said Act upon a Collector.

By order,

F. W. JOHNSTON,

Secretary to the Chief Commissioner,
N.-W. F. Province.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 13th June 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			CAUSE OF DEATH.										INFANTS UNDER ONE YEAR OF AGE.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	Number.
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24		
1	Hazara	Abbottabad	3,395	1	1	1	15	1	
2		Nawashahr	4,114	3	3	6	1	1	1	76	13	2	
3		Butta	7,029	2	3	5	5	3	2	...	1	1	2	...	2	37	37	3	
4		Haripur	5,578	4	2	6	3	1	2	3	1	...	1	56	28	4	
5	Peshawar	Peshawar	73,343	18	20	38	55	28	27	6	...	...	26	1	2	...	18	5	6	11	27	39	5
6	Kohat	Kohat	18,092	4	1	5	16	7	9	1	2	...	3	1	4	...	5	2	1	3	14	46	6		
7	Bannu	Bannu	10,070	5	2	7	7	3	4	...	...	...	3	1	1	...	2	...	1	1	36	36	7
8		Lakki	5,218	...	...	...	5	5	...	...	...	...	4	...	1	...	...	...	...	...	...	50	8
9	Dera Ismail Khan	Dera Ismail Khan	28,287	8	8	16	16	5	11	...	1	...	6	2	3	1	3	1	4	5	29	29	9		
10		Kulachi	9,125	2	7	9	10	5	5	2	3	1	...	1	51	57	10	
Total				46	46	92	119	59	60	7	6	...	56	8	11	1	30	12	13	24	23	29			

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 13th June 1903.

Births and Deaths in Municipal Towns.—In the 10 Municipal Towns, 92 births were registered (46 males and 46 females), giving a birth-rate of 53 per mille of population; 119 deaths were registered (59 males and 60 females), giving a death-rate of 29 per mille of population.

There were 7 deaths registered under the head of cholera, six occurred in Peshawar and one in Kohat Municipal Towns.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 11th July 1903.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 20th June 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.		Deaths.			Cause of Death.							Infants under one year of age.			Ratio of deaths per 1,000 of population.	Number.			
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory disease.	Influenza.	All other causes.	Males.			Females.	Total.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1			3,395	...	...	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...	15	1
2	{ Hazara }	Abbottabad	4,114	3	5	8	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	13	2
3		Nawabshahr	7,029	4	3	7	7	2	5	...	1	...	...	4	...	...	...	2	...	...	2	52	3
4		Bulla	5,578	2	2	4	4	2	2	...	...	...	...	3	...	...	...	1	...	...	1	37	4
5	{ Peshawar }	Haripur	73,343	18	13	31	62	32	30	10	1	...	36	1	5	...	9	...	6	4	10	44	5
6		Peshawar	18,092	1	3	4	24	12	12	12	9	1	...	8	...	4	...	2	...	...	1	22	6
7	{ Kohat }	Kohat	10,070	4	1	5	11	4	7	4	1	...	2	1	...	...	3	...	...	1	1	26	7
8		Bannu	5,218	4	3	7	3	1	2	3	30	8
9	{ Dera Ismail Khan }	Lakki	28,287	11	15	26	23	13	10	...	...	...	16	...	4	...	3	...	6	3	9	42	9
10		Dera Ismail Khan	9,125	2	...	2	3	...	3	3	11	17
		TOTAL	164,251	49	45	94	139	67	72	23	4	...	76	3	13	...	20	14	12	26	29	44	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 20th June 1903.
Births and deaths in Municipal Towns.—In the 10 Municipal Towns, 94 births were registered (40 males and 45 females), giving a birth-rate of 29 per mille of population; 133 deaths were registered (67 males and 72 females), giving a death-rate of 44 per mille of population.
There were 10 deaths registered from cholera in Peshawar, 9 in Kohat, and 4 in Bannu.

W. A. SYKES, Lt.-Col., I.M.S.,

Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 14th July 1903.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 27th June 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of deaths per 1,000 of population.	Ratio of births per 1,000 of population.	Number.	
				Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	{ Hazira }	Abbottabad	3,395	1	...	1	2	2	1	1	1	15	31	1
2		Nawabshahr	4,114	3	1	4	6	3	3	...	...	...	1	...	1	...	4	3	1	4	50	76	2
3		Butta	7,029	4	3	7	3	...	1	1	1	1	...	1	52	22	3
4		Haripur	5,578	5	1	6	5	4	1	3	56	47	4
5	Peshawar	Peshawar	73,343	32	17	49	63	43	20	18	...	...	29	...	4	...	12	5	5	10	35	45	5
6	Kohat	Kohat	18,092	4	...	4	10	7	3	...	...	...	3	4	...	...	3	1	2	3	12	29	6
7	{ Banna }	Banna	10,070	1	...	3	13	4	9	3	...	...	7	...	...	...	3	1	2	3	15	67	7
8		Lakki	5,218	...	4	4	2	1	1	2	1	1	2	40	20	8
9	{ Dera Ismail Khan }	Dera Ismail Khan	28,287	14	12	26	13	7	6	...	1	...	10	...	2	...	...	2	4	6	48	24	9
10		Kulachi	9,125	...	3	3	6	1	5	...	1	...	1	...	...	...	4	3	...	3	17	34	10
		Total	164,251	64	43	107	123	74	49	21	3	...	57	5	8	...	29	20	15	32	34	40		

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 27th June 1903.

Births and Deaths in Municipal Towns.—In the 10 Municipal Towns, 107 births were registered (64 males and 43 females), giving a birth-rate of 34 per mille of population; 123 deaths were registered (74 males and 49 females), giving a death-rate of 40 per mille of population.

There were 18 deaths registered from cholera in Peshawar, and 3 in Bannu.

Peshawar, the 15th July 1903.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—PUBLIC WORKS DEPARTMENT—IRRIGATION BRANCH.

Irrigation Operations of Fasl Kharif of 1903 up to 30th June 1903.

CANALS.	WATER DISTRIBUTED DURING JUNE 1903.				LAND IRRIGATED (APPROXIMATE).		RAINFALL.			CHIEF CROPS (APPROXIMATE).				REMARKS.
	Depth in Canal at Regulating gauge.		Gross consumption, cubic feet per second.		Zilla.	Acres.	Number of years on which average is struck.	Average.	During month.	NAME.	Area irrigated during June 1903.	Area irrigated to end of June 1903.	Area irrigated to end of June 1902.	
	Authorized maximum gauge.	Actual through-out.	Authorized full supply.	Actual average through-out.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MAJOR IRRIGATION WORKS.														
Swat River Canal	6'10	5'0	865	601	Peshawar	12,616	17	0'50"	0'07"	Sugarcane	5	4,373	3,994	The Canal ran throughout the month.
										Rice	57	277	373	
										Cotton	776	1,791	2,253	
Escapege	...	...	...	10						Indigo	...	...	7	
										Maize	4	12	38	
										Jowar	141	318	430	
										Miscellaneous	1,483	5,845	5,607	
TOTAL	...	...	865	611		12,616	...	...	...		2,466	12,616	12,702	

J. BENTON,
Secretary for Irrigation, N.W. Frontier Province.

Lahore, the 18th July 1903.

EASTERN BENGAL STATE RAILWAY.**NOTIFICATIONS.**

Calcutta, the 21st July 1903.

No. 9.—Mr. D. L. McPherson, Assistant Locomotive Superintendent, has been granted furlough on medical certificate for seven months, under Article 311 of the Civil Service Regulations, with effect from 3rd April 1903.

No. 10.—Mr. W. H. Gelling, Assistant Engineer, 2nd grade, is granted, under paragraph 191, Chapter II of the Public Works Department Code, Volume I, language leave for three months, with effect from the 10th July 1903, or such subsequent date as he may avail himself of it.

W. V. CONSTABLE, Lt.-Col., R.E.,
Manager.

NORTH WESTERN RAILWAY.**NOTIFICATIONS.**

Lahore, the 16th July 1903.

No. 18.—Major E. W. Walton, R.E., Executive Engineer, 1st grade, is granted, under Articles 233, 246, 260, and 308 of the Civil Service Regulations, combined leave for one year and three months, *vis.*, privilege leave for three months and furlough for twelve months, with effect from 5th August 1903, or such subsequent date as he may be permitted to avail himself of it.

The 20th July 1903.

No. 19.—Rai Sahib Sheo Nath, Executive Engineer, 2nd grade, is granted, under Articles 233, 246, 260 and 336 of the Civil Service Regulations, combined leave for ten months and six days, *vis.*, privilege leave for one month and six days and leave on medical certificate for nine months, with effect from 10th June 1903.

No. 20.—Mr. W. Monies, Executive Engineer, 3rd grade, is granted, under Articles 233 and 339 of the Civil Service Regulations, combined leave for 6 months, *vis.*, privilege leave for three months and leave without pay for three months, with effect from 4th June 1903.

S. FINNEY,
Manager, North-Western Railway.

POST OFFICE.**NOTIFICATIONS.**

Simla, the 18th July 1903.

No. 822-S-4p.—Mr. L. F. V. Kalberer, Superintendent of Post Offices, 4th grade, is granted extraordinary leave without allowances for two months, with effect from the 1st August 1903, or from the date on which he may avail himself of it.

Mr. J. J. Emerson, is appointed to act as Superintendent of Post Offices, 4th grade, during the absence on leave of Mr. L. F. V. Kalberer or until further orders.

The 21st July 1903.

No. 844-S-4p.—The following acting appointments are made until further orders with effect from the 1st July 1903:—

Lala Hira Lal, B.A., Superintendent of Post Offices, 3rd grade, to act in the 2nd grade;

Syed Niaz Kutab, M.A., Superintendent of Post Offices, 4 grade, to act in the 3rd grade.

H. M. KISCH,
Officiating Director-General of the Post Office of India.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 57th Battery, Royal Field Artillery, dated at Rawal Pindi, the 21st July 1903.

Number, Rank, and Name,—23/28, Driver C. Guary
 Age,—28 years.
 Height,—5 feet 6½ inches.
 Chest,—34 inches.
 Complexion,—Fresh.

Eyes,—Hazel.
 Hair,—Brown.
 Distinctive marks,—Small mole between shoulder blades.

F. T. OLDHAM, Captain, R.F.A.
 Commanding 57th Battery, Royal Field Artillery.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

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1-pound tin	10	12	8
½ "	5	6	6
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Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16,	or post-free,	R16-8
½ "	R8,	"	R8-6
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Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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Chauk Street, Delhi.*
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Manager, "The Agra Medical Hall and Co-operative
Association, Limited" (Successors to A. John & Co.,
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Messrs. H. S. King & Co., 65, Cornhill, London, are
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Applications for Government publications which are no longer in print should be made to the Agents of the
Principal Government under whose orders they were originally issued.

The amounts within parentheses are for packing and postage.

LIST OF NEW BOOKS PUBLISHED DURING THE CURRENT QUARTER.

HOME DEPARTMENT.

Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government
of India on the action of the Venoms of the Cobra (*Naja Tripudians*) and of the Daboia
(*Daboia Russellii*) on the Red Blood Corpuscles and on the Blood Plasma by Captain G.
Lamb, M.D. New series, No. 4. Super-royal 4to. Limp cover. 8s. or 9d. (3s.)
Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government
of India. Specificity of Ante-Venomous Sera by Captain G. Lamb, M.D. (Glasg.),
New series, No. 5. Super-Royal 4to. Limp cover. 3s. or 4d. (2s.)

FINANCE AND COMMERCE DEPARTMENT.

List of Officers in the Finance and Commerce Department corrected to June 1903. 4s. or
5d. (1s.)

FOREIGN DEPARTMENT.

Report on the Working of the Dispensaries and Jail Hospitals and on Vaccination in the
Central India Agency for 1901. Foolscap. Board. Rs. 2 or 3s. (3s.)

STATISTICAL DEPARTMENT.

- Trade and Navigation Accounts of British India for the month of May 1903. Royal 8vo. Stitched. 8a. or 9d. (2a.)
- Accounts of the External Land Trade of British India for the month of March 1903. Royal 8vo. Stitched. 8a. or 9d. (2a.)
- Statistics of Cotton Spinning and Weaving in the Indian Mills in March 1903 and in the twelve months April 1902 to March 1903, compared with the corresponding period of 1900-01 and 1901-02. Royal 8vo. Stitched. 2a. or 2d. (1a.)
- Review of the Trade of India in 1902-03 by J. A. Robertson, Esq. Foolscap. Paper cover. 8a. or 9d. (2a.)
- Prices and Wages in India, 20th issue. Super Royal 4to. Board. R1-8a. or 2s. (9a.)
- Accounts relating to the Trade carried by Rail and River in India in the quarter and in the twelve months ending March 1903, compared with the corresponding periods of the years 1901 and 1902. No. 4 of 1902-03. Foolscap. Paper cover. 8a. or 9d. (3a.)

MILITARY DEPARTMENT.

- Specifications and Tables of Army Tents, 1902. Foolscap. Cloth. R6 or 13s. 6d. (5a.)
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- The Quarterly Indian Army List for July 1, 1903. Super-royal 8vo. Paper cover. R3 or 4s. 8d. (8a.)

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- Administration Report on Railways in India for the calendar year 1902 by A. Brereton, Esq. Foolscap. Limp cover. R2 or 2s. 8d. (9a.)

LIST OF BOOKS PUBLISHED FROM JANUARY TO JUNE 1903.

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- Act I of 1903. An Act to facilitate the citation of certain enactments, to amend certain enactments and to repeal certain other enactments. Royal 8vo. Stitched. 13a. or 1s. 3d. (2a.)
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- Scientific Memoirs by Officers of the Medical and Sanitary Departments of the Government of India: Malaria in India by Captain S. P. James, M.B., (London), I.M.S., New Series, No. 2. Super-Royal 4to. Board. R1-8 or 2s. 3d. (5a.)
- Central Provinces Census Report and Tables, 1901. Parts I and II. F'cap. Board. R14 or 21s. (R1-2a.)
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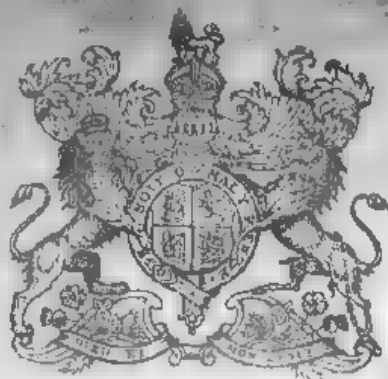
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**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
FROM 1ST JANUARY TO 30TH JUNE 1903.**

Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. R1 per month.

Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.

Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. R1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 1, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's Gazette, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's Gazette. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next Gazette."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 30th July 1903.

NOTIFICATIONS.

No. 2427 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 25th July 1903:—

- No. 295 of 1903.—John Thomas, draughtsman, of 17, Ormeley road, Balham, in the county of Middlesex, England. *Improvements in automatic couplings and buffers.*
- No. 296 of 1903.—Arthur Boyd Price, Associate Member of the Institute of Civil Engineers, partner in the firm of Messrs. Marsland, Price and Company, engineers and contractors, of Nesbit road, Mazagon, Bombay, in British India. *Improved means for flushing water closets and the like.*
- No. 297 of 1903.—Claus August Spreckels, engineer and manufacturer, and Charles Albert Kern, chemist and manufacturer, both of 138, Front street, city, county and state of New York, United States of America. *Improvements in purification of sugar crystals and a product obtained thereby.*
- No. 298 of 1903.—William Henry Rothwell, R. N. R., master mariner, commander in the service of the British India Steam Navigation Company, whose London registered address is No. 9, Throgmorton Avenue, E. C. *Improved releasing device for ship's boats.*
- No. 299 of 1903.—James Morton Stafford, minister of Petersburg, county of Pike, state of Indiana, United States of America. *A non-refillable bottle.*
- No. 300 of 1903.—Felix Jottrand, engineer, of Uccle near Brussels, in the kingdom of Belgium. *Process for braving and welding metals.*
- No. 301 of 1903.—Edwin Rice Wiggin, tea planter, of Bambrakelle estate, Lindule, and Henry Walthew, tea planter, of Colombo, both in Ceylon. *A friction machine and green leaf finisher No. 2.*
- No. 302 of 1903.—Edwin Rice Wiggin, tea planter, of Bambrakelle estate, Lindule, Ceylon. *A friction machine and green leaf finisher No. 1.*
- No. 303 of 1903.—Edward Victor Browne, engineer, of Ross Cot, Jhansi, British India. *Improvements in bale binders and the like.*
- No. 304 of 1903.—Marcus Clark Mason, missionary, and Sanjeng Marak, mechanic, both of Tura, Assam. *A machine for ginning cotton.*
- No. 305 of 1903.—Eugene Charles Schrottky, scientific chemist, of Dresden, Germany, at present of Turcouleah Indigo Concern, Chumparun, Bengal. *The improvement of indigo manufacture.*
- No. 306 of 1903.—Gilbert William Sutton, civil engineer, of Rothmans, Great Baddow, Chelmsford, in the county of Essex, England. *Improvements in apparatus for treating tea leaf in the manufacture of green tea.*
- No. 307 of 1903.—August Huck, private gentleman, of 67, Guilletstrasse, and Ludwig Fischer, private gentleman, of 73, Mendelssohnstrasse, both of Frankfort, on the Main, kingdom of Prussia, German Empire. *Improvements in and connected with supports for photographic and other printings.*
- No. 308 of 1903.—Charles L. Mesurier, tea planter, of Chuapara Tea Estate, Kalchini, in the district of Jalpaiguri, Bengal. *A machine for the cultivation of tea.*
- No. 309 of 1903.—Henry Edgar D'Esterre, planter, of Agrapatnas, and Robert Cochran Dickson, engineer, of Colombo, both in Ceylon. *Improvements in the method of tea manufacture.*

No. 310 of 1903.—Balfour Fraser McTear, engineer, of Brook Cottage, Rainhill, in the county of Lancaster, and Henry Cecil William Gibson, managing director, of 29, Great St. Helens, London, England. *Improvements in or connected with the manufacture of tubes or hollow bodies.*

No. 2428 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 457 of 1902.—Henry Haddock Hains, commander, steamer "Mysore." *Improvements in aids to the navigation of rivers, canals, ports, coasts and such like waters, and in apparatus connected therewith.* (Specification filed 20 July 1903.)

No. 478 of 1902.—Lala Raja Babu, Kayasth Mathur, A. D. C. to H. H. the Maharaja of Patiala, and superintendent of the Palace Games Department, Patiala, Patiala state. *A chess recorder.* (Specification filed 18 July 1903.)

No. 493 of 1902.—Tom Sutcliffe, engineer, of 18, Allerton road, Stoke Newington, London, England. *A machine for aerating liquids and bottling same.* (Specification filed 21 July 1903.)

No. 494 of 1902.—Gregor Sandberg, engineer, of 19, Petroffka, Moscow, in the empire of Russia. *A method for obtaining an odourless product from train oil for use as a substitute for tallow.* (Specification filed 21 July 1903.)

No. 79 of 1903.—Jogendro Nath Chatterjee, ironmonger of Utter Batra, in the district of Howrah, and carrying on trade and business at No. 21, Darnahatta street, Burrabazar, in the town of Calcutta. *The manufacture of cast iron cooking pans.* (Specification filed 5 July 1903.)

No. 100 of 1903.—Sreemant Palwant Rao Bhayya Sahib Scindia, member of the Board of Revenue, Gwalior state, Central India, in British India. *Improvements in rickshaws and the like.* (Specification filed 24 July 1903.)

No. 130 of 1903.—Carl Christian Zoger, master miller, of Bullenhuserdamm, 51, Hamburg, Germany. *Improvements in the hulling or shelling of cereals and apparatus therefor.* (Specification filed 21 July 1903.)

No. 225 of 1903.—The Consolidated Railway Electric Lighting and Equipment Company, a corporation organized under the laws of the state of New Jersey, one of the United States of America, domiciled at No. 100, Broadway, in the borough of Manhattan, city, county and state of New York. *Improvements in apparatus and devices for controlling electric currents.* (Specification filed 21 July 1903.)

No. 231 of 1903.—Mather and Platt Limited, engineers, of Park Works, Manchester, in the county of Lancaster, in the kingdom of England. *Improvements in or relating to looms for weaving, warping machines and the like.* (Specification filed 24 July 1903.)

No. 2429 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

No. 85 of 1895.—Chhotalal Maganlal Rowal. *An improved warp winding machine.* (From 27 July 1903 to 27 July 1904.)

No. 130 of 1896.—Harry Dain Hinks. *Improvements in tubular or hurricane lanterns.* (From 21 August 1903 to 21 August 1904.)

No. 483 of 1897.—George Henry Williamson. *Improvements in the loose covers and cutters of hermetically sealed metallic boxes or cases.* (From 1 August 1903 to 1 August 1904.)

No. 237 of 1898.—Ottmar Kern. *Improvements in incandescent gas burners.* (From 31 August 1903 to 31 August 1904.)

No. 277 of 1898.—Ottmar Kern. *An improvement in Bunsen gas burners.* (From 31 August 1903 to 31 August 1904.)

No. 2430 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorizing others so to do, has ceased:—

No. 358 of 1898.—Emanuel Winter. *Improvements in slate frames.* (Specification filed 14 April 1899.)

No. 362 of 1898.—Albert Price. *Improvements in decorticating machines.* (Specification filed 14 April 1899.)

No. 368 of 1898.—Jean Effront. *Improved process for fermenting worts.* (Specification filed 14 April 1899.)

No. 371 of 1898.—Auguste Collette Fils and Auguste Boidin. *Improved process for the manufacture of alcohol by saccharification and fermentation by mucedineae, and apparatus therefor.* (Specification filed 14 April 1899.)

No. 400 of 1898.—Victor Bergman and William George Boyle. *Improvements in fastenings or clasps for boots and other articles.* (Specification filed 11 April 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs 50 for each of the above inventions.

No. 443 of 1897.—John Isaac Thornycroft. *Improvements in water tube steam boilers.* (Specification filed 15 April 1898.)

No. 165 of 1898.—Daniel Munson Seaton. *Improvements in looms.* (Specification filed 16 December 1898.)

Fee in respect of the continuance of an exclusive privilege—

4 (b) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—

The sum of Rs 50 for each of the above inventions.

No. 14 of 1895.—John Frederick Duke. *Improvements in the means for automatically lighting gas.* (Specification filed 11 April 1895.)

Fee in respect of the continuance of an exclusive privilege—

4 (c) After the expiration of the seventh year and before the expiration of the eighth year from the date of filing of the specification—

The sum of Rs 50 for the above invention.

No. 218 of 1889.—Carl Olof Lundholm. *Improvements in the manufacture of dynamite.* (Specification filed 11 April 1890.)

Fee in respect of the continuance of an exclusive privilege—

4 (d) After the expiration of the twelfth year and before the expiration of the thirteenth year from the date of filing of the specification—

The sum of Rs 100 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

BANK OF BENGAL.**NOTICE.**

Calcutta, the 27th July 1903.

Mr. W. D. Cruickshank, C.I.E., has returned from leave and resumed the office of Secretary and Treasurer.

The undersigned reverts to his appointment of Deputy Secretary and Treasurer, and Mr. W. D. McKewan takes up his duties as Officiating Inspector of Branches.

By order of the Directors,

A. M. LINDSAY,

Dy. Secretary and Treasurer.

PUBLIC WORKS DEPARTMENT.**NOTIFICATION.**

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen.

5. Press workers.
6. Photo-Mechanical workers.
7. Mechanical apprentices.
8. Metal and wood carvers.

E. ATKINSON, Captain, R.E.,

Officiating Principal, Thomason College.

ADMINISTRATOR GENERAL OF BENGAL.

Notice of deaths sent to the Administrator General of Bengal under Section 64 of Act II of 1874.

Name of deceased.	Place of death.	Date of death.	By whom death reported and when.	REMARKS.
Mr. Richard Cartwright, late of Allahabad.	Allahabad	15th April 1903.	District Judge, Allahabad, 10th July 1903.	No will. No application.
Robert Smith, late of Allahabad.	Ditto	8th March 1903	Ditto	No will. No application.
Robert Sterling, late a Covenanted Driver, E. I. C.	Ditto	31st May 1903.	District Judge, Allahabad, 24th June 1903.	Said to have left a will. No application.

3 COUNCIL HOUSE STREET;
Calcutta, the 30th July 1903.

C. GREY,
Offg. Administrator General of Bengal.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA.

NOTIFICATIONS.

Abu, the 23rd July 1903.

No. 870—89-II.—In exercise of the power conferred by section 8, sub-section (3), of the Reformatory Schools Act (VIII of 1897), the Hon'ble the Chief Commissioner of Ajmer-Merwara is pleased to make the following rule regulating the periods for which youthful offenders may be sent to the Reformatory School :—

Period for which he may be sent to the Reformatory School.

- (1) If the offender is found by the Court or Magistrate to have attained, at the date of his conviction, an age which is less than ten years

Seven years.

- (2) If he is found to have then attained the age of ten years or an age which exceeds ten years

Not less than five but not more than seven years, unless he would sooner attain the age of eighteen years and in such last mentioned case a period equal to the difference between eighteen years and the age he is found to have attained.

No. 872—89-II.—In exercise of the power conferred by section 8, sub-section (3), of the Reformatory Schools Act (VIII of 1897), the Hon'ble the Chief Commissioner of Ajmer-Merwara is pleased to make the following rules, defining what youthful offenders should be sent to the Reformatory School :—

- (1) The most proper subjects for reformatory treatment are those who are without proper parental or other control and who have committed an offence or offences against property.
- (2) As a rule, no boy should be sent to a Reformatory School on a first conviction unless there is reasonable cause for supposing that he is being trained up to or likely again to lapse into crime.
- (3) As a rule, it is not desirable to send boys to a Reformatory School before they have completed their ninth or after they have completed their fourteenth year of age.
- (4) No boy belonging to any of the under-mentioned tribes should be sent to a Reformatory School :—

Aherias.
Baoris.
Barwars.
Baurisias.
Berias.
Bhats.
Bhatias.
Bhils.
Daleras

Doms.
Haburas.
Kanjars.
Moghias.
Nats.
Sanaurias.
Sansis.
Sansias.
Satias.

Other boys who appear to be habitual offenders should be sent (if at all) at an early stage in their career, being less amenable to reforming influences as they approach the age of 15.

- (5) No boy should be sent to a Reformatory School who has been convicted of an unnatural offence, or whose antecedents afford reasonable grounds for assuming habitual immorality.
- (6) A youthful offender convicted of murder should not ordinarily be sent to a Reformatory School.

No. 874—89-II.—Whereas the Reformatory Schools Act V of 1876 was repealed by Act No. VIII of 1897, which has introduced many important changes in administration and procedure, it is advisable to point out, for the information and guidance of Courts and Magistrates, the alterations that have been effected in the law. It is necessary also to exercise the power of making rules conferred on Local Governments by section 8 of Act No. VIII of 1897.

2. The first section of the new Act requiring notice is section 4, clause (a), the effect of which is to reduce by one year the maximum age at which a youthful offender can be sent to a Reformatory School on conviction and sentence by a Court. A boy must now be under the age of 15 years at time of conviction instead of under the age of 16 years as formerly. The new age limit will also regulate the action of an officer in charge of a prison who may desire to bring a youthful offender confined therein before a Magistrate with a view to his transfer to a Reformatory School. In consequence of this alteration, the minimum period of detention of a youthful offender in a Reformatory School has been raised to three years (section 8, sub-section (1)); it formerly stood at two.

3. Under the repealed Act, outside Presidency towns, the power of sending youthful offenders to a Reformatory School could be exercised by any Magistrate of the first class. By the new Act (section 8, sub-section (2)) the power is conferred on District Magistrates and on Magistrates specially empowered by the Local Government, and the power may now be exercised whether the case comes before the Court originally or on appeal. Owing to the restriction of the power of sending youthful offenders to a Reformatory School, to Magistrates of the first class specially authorised by Government, provision has been made in a new section (9) for the submission of proceedings to the District Magistrate in cases where a Magistrate not specially authorised considers that a youthful offender should be sent to a Reformatory School. The procedure is very similar to that prescribed in section 349, Criminal Procedure Code, which is ordinarily adopted to secure a punishment of whipping on conviction by a Magistrate not competent to pass such a sentence. Previous to submitting his proceedings to the District Magistrate, a Subordinate Magistrate not empowered to send a youthful offender to a Reformatory School is required by section 11, sub-section (2), to record, after enquiry, a finding as to the age of the boy before him. District Magistrates should take steps to ensure that the power conferred by section 9 is exercised by Subordinate Magistrates in all cases where such action is suitable.

4. Sub-section (3) of section 8 permits the Local Government to make rules—

- (1) defining what youthful offenders should be sent to Reformatory Schools, having regard to the nature of their offences and other considerations; and
- (2) regulating the period for which youthful offenders may be sent to such schools according to their ages or other considerations.

5. In section 11 of the new Act it is made obligatory on a Court or Magistrate before sending a youthful offender to a Reformatory School to record, after due enquiry, on the very important matter of the boy's age, a finding which, under the provisions of section 16, is final. Section 11 provides for the taking of evidence, if necessary, on the point, which will enable Magistrates to record the evidence of the Civil Surgeon or in case of doubt in accordance with the practice at present prevailing. In view of the fact that the finding is not subject to appeal or revision and that the whole treatment of the boy is influenced primarily by his age, it is essential that the enquiry should be conducted with the greatest care and discrimination, in order that a correct decision may, so far as possible, be arrived at.

6. The Reformatory School at Chunar is appointed for the reception of youthful offenders directed by a Court or Magistrate to be sent to a Reformatory School. It has hitherto been the custom when the Reformatory School is full, to request Magistrates not to pass orders for the detention of boys in that institution. A different procedure will now be adopted in accordance with the provisions of section 12 of the Act:—

- (1) As soon as it appears to the Director of Public Instruction of the United Provinces that owing to the want of accommodation, boys should not, for the time being, be admitted to the Reformatory School, he will immediately give intimation to the Hon'ble the Chief Commissioner of Ajmer-Merwara, to the Commissioner and Sessions Judge, Ajmer, and the District Magistrates of Ajmer and Merwara, and to the Superintendent of the Ajmer Jail, reporting his action at the same time to the Government of the United Provinces.
- (2) Immediately that accommodation is again available, the Director of Public Instruction of the United Provinces will cancel his notice in a similar manner.
- (3) During the intervening period, Courts or Magistrates will, on passing an order that a youthful offender should be detained in a Reformatory School, send such youthful offender instead to jail to be confined (in accordance with the provisions of Chapter X of the Ajmer Jail Manual) for the term of his original sentence, unless he is previously removed to a Reformatory School.
- (4) The Superintendent of the Jail, in which such youthful offender is confined, shall give notice of the confinement to the Inspector-General of Prisons and to the Director of Public Instruction of the United Provinces.
- (5) If accommodation becomes available in the Reformatory School both for youthful offenders sent direct from the Courts and for those temporarily confined in prisons owing to the want of accommodation in the Reformatory School, the Director of Public Instruction of the United Provinces will inform the Inspector-General of Prisons and the Superintendent of the Ajmer Jail, who will transfer such youthful offenders to the Reformatory School. In view of the new procedure, the form of warrant may require alteration.

7. The principle embodied in section 13 of the Act that no person above the age of 18 years shall be detained in a Reformatory is not new, but a procedure has now been prescribed for dealing with cases in which after admission to the School a boy's age is found to have been under-stated in the order of detention. The Committee of visitors will report such cases for the orders of the Government of the United Provinces by whom the Hon'ble the Chief Commissioner of Ajmer-Merwara will be addressed when such cases relate to Ajmer-Merwara.

8. Under section 11 of the repealed Act, a youthful offender discharged by the Government from a Reformatory School before the expiration of his sentence, might be ordered to undergo the residue of his sentence at such place as the Government thought fit. This provision has been omitted from the new Act and a boy who has been detained in a Reformatory School cannot now be sent back to prison under any circumstances.

9. Part V of the Act, Miscellaneous, deals with several important matters. The provisions of Part IX of the Prisoners' Act III of 1900 by section 30 are applicable to youthful offenders detained in Reformatory Schools, while section 32 directs that when a youthful offender under detention in a Reformatory School is again convicted by a Criminal Court, the sentence shall commence at once. Such cases as the latter will, it is hoped, be rare; but Magistrates are requested to observe that the matter has to be forthwith reported to the Local Government.

10. Finally, the attention of all subordinate Courts is directed to the important provision, new to Indian Legislation, contained in section 31, which allows a Court empowered by or under section 8 to discharge a youthful offender (including in this case a girl) after due admonition, or to deliver the offender to a parent or guardian or nearest adult relative on such parent, guardian or relative executing a bond to be responsible for the good behaviour of the offender for a period not exceeding twelve months. This procedure has been found of great advantage in England and there can be little doubt that a discriminating exercise of the power now granted will in many cases be beneficial to the offender and will be much appreciated by the parent or guardian. When a Magistrate is not authorized to pass such an order, it will be his duty, if he considers such an order to be appropriate, to record his opinion and to submit his proceedings to the District Magistrate.

11. If it is no longer open to the Government to remand to Jail a boy who has been sent to a Reformatory School, but it has been ruled that the High Court has power to interfere in Appeal or Revision with an order for detention in a Reformatory School passed in substitution for transportation or imprisonment, when such order is made without jurisdiction and is not an order warranted by Act No. VIII of 1897 (Indian Law Reports, Allahabad, Volume XXI, page 391, sub date May 27th, 1899). Reference should invariably be made by the Magistrate to the rules on the subject before disposing of a case:—

(1) No person may be ordered to be detained in a Reformatory School unless—

- (a) he is a male,
- (b) he is under the age of 15 years,
- (c) he is convicted of an offence (as defined in the General Clauses Act, 1897, section 3) punishable with transportation or imprisonment,
- (d) he is actually sentenced to transportation or imprisonment, and
- (e) he is of a class declared by rules made by the Local Government under section 8, sub-section (3) to be suitable for reformatory treatment (*vide* Chief-Commissioner's Notification No. 872-89 II of this day's date).

(2) Before ordering detention in a Reformatory School, the Court must pass a substantive sentence of transportation or imprisonment, and such sentence should, in view of section 12, Act VIII of 1897, not be a nominal, but an adequate punishment for the offence. The Court has no power to direct detention in a Reformatory School either without a substantive sentence of transportation or imprisonment or in addition to such a sentence, but must order that the offender instead of undergoing the sentence imposed shall be detained in the Reformatory School.

(3) The period for which the Court may order the detention in a Reformatory School of youthful offenders admissible under the Act and rules must not be less than three years nor more than seven years. The following table shows the period of detention in the case of boys between the ages of 9 and 14 who alone should, as a rule (*vide* Chief Commissioner's Notification No. 870-89-II of this day's date), be sent to the Reformatory School:—

Age.	Period.
9 years	7 years.
10 years	Not less than 5 years and not more than 7.
11 years	Ditto ditto.
12 years	Not less than 5 years and not more than 6.
13 years	5 years.
14 years	4 years.

- (4) The Court is bound to record a finding as to the age of the youthful offender at the date of its order, and to direct him to be detained for a specified period which will expire on or before the date on which he will complete the age of eighteen years. It should not be left to the officer in charge of the Reformatory School to determine when the period of detention would expire otherwise than by a reference to the warrant.
- (5) Having passed the order for detention in a Reformatory School, the Court should fill up the appropriate form of warrant prescribed by the High Court of Judicature for the North-Western Provinces, and applied by the Hon'ble the Chief Commissioner to Ajmer-Merwara.
- (6) The youthful offender should then (unless he has to be sent to the Ajmer Jail, owing to want of accommodation in the Reformatory School) be made over to the Magistrate of the District who should arrange for sending him with the necessary papers to the Reformatory School without allowing him to pass through the Jail. These papers are a copy of the judgment of the Criminal Court, together with a short history showing any crime for which the offender may have been previously punished, the position and character of his parents or guardians and any other facts known to the Police which might be useful in dealing with him.

By order,

A. B. MINCHIN, Captain,

First Assistant to the Governor-General's Agent, Rajputana,
and Chief Commissioner, Ajmer-Merwara.

SURVEY OF INDIA.

NOTIFICATION.

Simla, the 22nd July 1903.

No. 288.—The following promotion is made, with effect from the 16th June 1903, *vice* Mr. H. Todd, Extra Deputy Superintendent, 2nd grade, retired:—

Mr. E. A. Wainright, Extra Assistant Superintendent, 1st grade, to be Extra Deputy Superintendent, 2nd grade.

ST. G. GORE, Colonel, R.E.,

Surveyor General of India.

SURVEY OF INDIA—REVENUE BRANCH.

NOTIFICATION.

Calcutta, the 30th July 1903.

No. 5—B48-73.—Mr. G. J. S. Rae, Extra Assistant Superintendent, 6th grade, is granted privilege leave for three months, under article 260 of the Civil Service Regulations, with effect from the 17th August 1903, or any subsequent date on which he avails himself of it.

J. R. HOBDAV, Colonel,

Deputy Surveyor General,
in charge Revenue Branch.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL, RAJPUTANA.

NOTIFICATION.

Abu, the 24th July 1903.

No. 3200—311.—Lieutenant J. P. Stockley, I.A., is appointed to be Assistant Political Superintendent, Hilly Tracts, Mewar, with effect from the 9th July 1903.

By order,

A. B. MINCHIN, Captain,

First Assistant to the Agent to the Governor General, Rajputana.

ROYAL INDIAN MARINE.

NOTIFICATION.

FURLOUGH AND LEAVE.

Bombay, the 21st July 1903.

No. 18.—The undermentioned officer is granted leave to proceed out of India on medical certificate, under the leave rules contained in paragraph 131, Marine Regulations, India, Volume I, Part II, the leave to have effect in India from the date of being struck off duty till the date of sailing; the specified period to count from the date of leaving India :—

Commander G. J. Bangle for six months.

F. H. ELDERTON,
for Director, Royal Indian Marine.

PUBLIC WORKS SECRETARIAT—RAJPUTANA AND CENTRAL INDIA.

NOTIFICATION.

Mount Abu, the 21st July 1903.

No. 1705-S.—C.I.—Mr. H. T. Gwyther, Executive Engineer, 1st grade, in charge of the Indore Division, Central India, is under articles 233, 260 and 308 of the Civil Service Regulations granted privilege leave for three months and in continuation furlough for three months, from 1st August 1903, or from such subsequent date as he may be permitted to avail himself of it.

G. G. WHITE, M.I.C.E.,
Secretary to the Agent Governor General in Public Works
Department, Rajputana and Central India.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 2nd Battalion, Argyll and Sutherland Highlanders Regiment of Infantry, dated at Fort William, this 27th day of July 1903.

Number, Rank, and Name,—6521, Private William Moir.
Age,—23 years 5 months.
Height,—5 feet 5½ inches.
Colour of—Complexion, fresh; hair, auburn; eyes, grey.
Trade,—Moulder.
Date of enlistment,—4th April 1898.
Place of enlistment,—Stirling.

Parish and county in which born,—Broxburn, Midlothian.
Date of desertion or absence,—22nd July 1903.
Place of desertion or absence,—Fort William, Calcutta.
Marks,—Indistinct anchor back of left forearm.
Rings on middle and fore fingers of left hand.
Not on furlough.
Under six years' service.

S. PATERSON, Lieut.-Col.,
Commanding 2nd Battalion, Argyll and Sutherland Highlanders.

Report of a Deserter or Absentee without leave from the 1st Battalion, South Wales Borderers Regiment of Infantry, dated at Mian Mir, this 23rd day of July 1903.

Number, Rank and Name,—7206, Private Thomas Smith.
Age,—21 years, 5 months.
Height,—5 feet, 11 inches.
Colour of—Complexion, fair; hair, brown; eyes, grey.
Trade,—Labourer.
Date of enlistment,—28th January 1902.
Place of enlistment,—Usk, Monmouthshire, England.

Parish and County in which born,—Newbridge, Monmouthshire.
Date of desertion or absence,—17th July 1903.
Place of desertion or absence,—Mian Mir.
Marks,—Scar on left blade bone and outside left knee.
Not on furlough.
Under two years' service.

W. E. B. SMITH, Captain,
Commanding 1st Battalion, South Wales Borderers.

NORTH-WEST FRONTIER PROVINCE BOARDS AND COMMITTEES DEPARTMENT.

NOTIFICATION.

COMMITTEES.

Peshawar, the 23rd July 1903.

No. 819-A.—It is hereby notified that, with the previous sanction of the Local Government and in accordance with the provisions of section 45, clauses (7) and (8) of Act XX of 1891 (the Punjab Municipal Act), the Municipal Committee of Abbottabad in the Hazara District has directed the imposition of the following tax under section 42, clause 1 (A) (c), with effect from 1st January 1904.

A tax of annas 4 per annum per head on dogs in the Abbottabad Municipality kept within the Municipal limits for more than ten days in a year.

M. F. O'DWYER,

Revenue and Financial Secretary to Chief Commissioner,
N.-W. F. Province.

REVENUE COMMISSIONER—NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS

LEAVE.

Peshawar, the 23rd July 1903.

No. 1266-G.—Muhammad Azim Khan, Tahsildar of Teri, is granted three months' privilege leave, with effect from the 1st of August 1903, or such subsequent date as he may avail himself of it.

APPOINTMENT.

The 23rd July 1903.

No. 1267-G.—Kazi Muhammad Irfan, Naib Tahsildar, Peshawar, is appointed to officiate as Tahsildar of Teri, *vice* Muhammad Azim Khan, proceeding on leave, or until further orders.

M. F. O'DWYER,

Revenue Commissioner, N.-W. F. Province.

ERRATA.

The 27th July 1903.

In Government of India Gazette Notification No. 723-A, dated the 1st of July 1903, for "Act XIX of 1891" read "Act XX of 1891."

In Government of India Gazette Notification No. 724-A, dated the 1st of July 1903, for "Duni Chand Gulkati," read "Duni Chand Gulhati."

In Government of India Gazette Notification No. 726-A, dated the 1st of July 1903, for "Mir Ahmad, Pleader," read "Nur Ahmad, Pleader," and for "Kishan Dial, new member" read "Kishan Dial reappointed."

In Government of India Gazette Notification No. 727-A, dated the 1st of July 1903, for "Tirath Mal Koh" read "Tirath Mal Kohli."

In Government of India Gazette Notification No. 728-A, dated the 1st of July 1903, for "The Tahsildar Mardan" read "The Tahsildar Manshra" and for "Khodi Khan" read "Khadi Khan."

RAHIM BAKHSH,

Personal Assistant for Revenue Commissioner, N.-W. F. Province.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 22nd July 1903.

No. 158.—Captain H. Bamfield, I.M.S., made over charge of the duties of Superintendent of the Bannu Jail to Lieutenant P. A. Browne, I.M.S., on the afternoon of the 7th July 1903.

No. 159.—Lieutenant P. A. Browne, I.M.S., assumed charge of the civil medical duties of the Bannu District on the forenoon of the 8th of July 1903, relieving Captain H. Bamfield, I.M.S.

The 28th July 1903.

MEDICAL AND SANITARY.

No. 163.—It is hereby notified, with the approval of the Hon'ble the Chief Commissioner, that there will be a Standing Medical Board at Peshawar and a Standing Invaliding Committee at Dera Ismail Khan for the examination of (1) gazetted officers desirous of obtaining leave on medical certificate and (2) applicants for invalid pension or gratuity.

2. The Medical Board and Standing Committee are constituted as follows:—

STANDING MEDICAL BOARD.

President.

The Administrative Medical Officer, North-West Frontier Province.

Members.

1. The Civil Surgeon, Peshawar.
2. The Senior Assistant Surgeon on duty in the station.

Note.—In the absence of the Administrative Medical Officer from head-quarters, the Civil Surgeon, Peshawar, or a Commissioned Medical Officer in military employment whose services will be obtained on such occasions through the local military authorities will preside according to seniority.

STANDING INVALIDING COMMITTEE.

1. The Civil Surgeon, Dera Ismail Khan.
2. A Commissioned Medical Officer in military employment whose services will be obtained through the local Military authorities.
3. The Senior Civil Assistant Surgeon on duty in the station.

Note.—The Civil Surgeon or the Commissioned Medical Officer in military employment who sits on the Committee, will preside according to seniority.

3. Applications for permission to appear before the Board should be addressed to the Administrative Medical Officer and in the case of the Standing Committee to the Civil Surgeon, Dera Ismail Khan.

4. For facility of reference, the districts and agencies for which the Board at Peshawar and the Standing Committee at Dera Ismail Khan are appointed, are noted below:—

Peshawar, Kohat, Hazara Districts
Kurram, Khyber and Malakand
(Dir, Swat and Chitral) Agencies

} Standing Medical Board at
Peshawar.

Dera Ismail Khan and Bannu Districts
Tochi and Wana Agencies

} Standing Invaliding Committee at Dera Ismail Khan.

By order,

R. I. R. GLANCY,

Asst. Secretary to the Chief Commissioner,
N.-W. Frontier Province.

RESUMPTION OF CHARGE.

The 12nd July 1903.

No. 160.—On return from the privilege leave of absence granted to him in Notification No. 70, dated 27th April 1903, Captain J. F. Finnis, I.A., resumed charge of his duties as Right Wing Commander of the Kurram Militia on the forenoon of the 11th July 1903.

LEAVE.

The 23rd July 1903.

No. 161.—Mr. P. J. G. Pipon, Assistant Commissioner, has obtained privilege leave of absence for 2 months and 29 days under Article 260 of the Civil Service Regulations, with effect from the 4th August 1903, or such subsequent date as he may avail himself of it.

APPOINTMENT.

The 25th July 1903.

No. 162.—Mr. W. S. Hamilton, Assistant Commissioner, joined the Hazara Settlement and assumed charge of the duties of Assistant Settlement Officer on the forenoon of the 20th June 1903.

The 28th July 1903.

No. 164.—Captain T. J. Willans, I. A., officiating Adjutant, Kurram Militia, is appointed to officiate as Left Wing Commander of that corps in addition to his other duties, with effect from the afternoon of the 8th July 1903, *vice* Captain H. DeC. O'Grady, I. A., transferred.

By order,

F. W. JOHNSTON,

Secretary to the Chief Commissioner
N.W. Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday the 4th July 1903.

District.	Municipal Town.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	Number.	
			Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory disease.	Injury.	All other causes.	Males.	Females.	Total.				
1	{ Haidra	4	3	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
2		...	2	2	2	1	1	...	...	...	...	1	...	...	...	1	...	...	...	...	31	31	1
3		2	3	5	6	5	1	1	...	...	...	1	...	1	...	4	...	4	1	5	63	76	2
4		3	1	4	6	2	4	...	...	3	...	1	...	2	...	...	...	2	...	2	30	45	3
5	{ Peshawar	5,578	2	...	...	7	7	...	4	...	...	2	1	...	...	...	...	1	...	1	19	65	4
6		20	29	49	49	26	23	3	...	...	...	31	1	3	...	11	...	5	2	7	35	35	5
7	{ Kohat	18,098	1	1	2	10	4	6	1	...	...	3	1	2	...	3	...	2	2	4	6	29	6
8		5	1	6	4	2	2	...	...	...	...	1	...	1	...	2	...	1	...	1	31	21	7
9	{ Bannu	10,070	5	1	6	4	2	2	...	...	...	1	...	2	...	...	...	1	...	1	40	30	8
10		1	3	4	3	2	1	...	...	...	...	1	...	2	...	...	...	3	3	6	37	29	9
11	{ Dera Ismail Khan	28,287	10	10	20	16	7	9	...	...	...	15	1	...	...	...	...	3	...	...	37	29	9
12		2	3	3	2	1	1	...	...	...	...	1	1	...	...	...	...	...	...	...	17	11	20
13	{ Kulachi	9,125	2	1	3	2	1	1	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...
14		46	51	97	105	57	48	8	3	...	...	57	5	11	...	21	19	8	27	31	33	...	
15	Total	164,251	46	51	97	105	57	48	8	3	...	57	5	11	...	21	19	8	27	31	33	...	

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 4th July 1903.

Births and Deaths in Municipal Towns.—In the 10 Municipal Towns, 97 births were registered (46 males and 51 females), giving a birth-rate of 33 per mille of population.

There were 4 deaths registered from cholera in Haripur, 3 in Peshawar, and 1 in Kohat.

Peshawar, the 21st July 1903.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 29th July 1903.

No. 143.—Mr. J. Hughes, Assistant Superintendent, Persian Gulf Telegraphs, and 1st Engineer *Patrick Stewart*, has been granted by the Director-in-Chief, Indo-European Telegraph Department, extraordinary leave without pay for 14 days in continuation of the 3 months' privilege leave granted to him from the 15th April 1903.

No. 144.—Mr. J. H. C. Kelly, Assistant Superintendent, Persian Gulf Telegraphs, has been granted by the Director-in-Chief, Indo-European Telegraph Department, privilege leave for 3 months from the 29th May 1903, combined with furlough for 3 months in continuation thereof.

No. 145.—The following permanent promotions in the Indo-European Telegraph Department have been sanctioned by His Majesty's Secretary of State for India, with effect from the 27th April 1903, in consequence of the retirement of Mr. B. McMullen, Superintendent of Telegraphs:—

Name.	From	To
W. King Wood	Superintendent, Class IV, and Temporary Superintendent, Class III.	Superintendent, Class III, Grade I.
E. Woodsell	Assistant Superintendent, Class V, Grade I, and Temporary Superintendent, Class IV.	Superintendent, Class IV.
F. W. Townsend	Assistant Superintendent, Class V, Grade II.	Assistant Superintendent, Class V, Grade I.
G. W. Mungavin	Assistant Superintendent, Class VI, Grade I, and Temporary Assistant Superintendent, Class V, Grade II.	Assistant Superintendent, Class V, Grade II.
J. Hughes	Assistant Superintendent, Class VI, Grade II.	Assistant Superintendent, Class VI, Grade I.
J. W. Tanner	General Service Clerk, Class I, and Temporary Assistant Superintendent, Class VI, Grade II.	Assistant Superintendent, Class VI, Grade II.

No. 146.—The following reversions in the Indo-European Telegraph Department have been sanctioned, with effect from the 8th May 1903, in consequence of the return of Mr. R. H. New, Engineer and Electrician, from furlough:—

Name.	From	To
R. C. Campbell	Officiating Engineer and Electrician and Superintendent, Class IV.	Superintendent, Class IV.
A. J. V. Palmer	Assistant Superintendent, Class V, Grade I, and Temporary Superintendent, Class IV.	Assistant Superintendent, Class V, Grade I.
J. T. Hopkins	Assistant Superintendent, Class VI, Grade I, and Temporary Assistant Superintendent, Class VI, Grade II.	Assistant Superintendent, Class VI, Grade I.

G. C. WOLFE,
Examiner of Telegraph Accounts.

DIRECTOR OF RAILWAY TRAFFIC.**NOTIFICATION.**

Simla, the 27th July 1903.

No. 30.— Mr. G. Hales, Assistant Traffic Superintendent in Class III, grade 1, of the Superior Revenue Establishment of State Railways, is appointed to officiate as District Traffic Superintendent in Class II of that Establishment, with effect from the 20th April 1903, and until further orders.

G. F. WILSON, Colonel, R.E.,
Director of Railway Traffic.

BOARD OF EXAMINERS.**NOTICE.**

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Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, viz. :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
½ "	5	6	6
¼ "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16, or post-free,	R16-8
½ "	R8,	" R8-6
¼ "	R4,	" R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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Association, Limited" (Successors to A. John & Co.,
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Lamb, M.D. New series. No. 4. Super-royal 4to. Limp cover. 8s. or 9d. (3s.).
Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government
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FINANCE AND COMMERCE DEPARTMENT.

- List of Officers in the Finance and Commerce Department corrected to June 1903. 4s. or
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- Report on the Working of the Dispensaries and Jail Hospitals and on Vaccination in the
Central India Agency for 1901. Foolscap. Board. Rs. 2 or 3s. (3s.).

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Prices and Wages in India. Nineteenth issue, 1902. Super-Royal 4to. Boards. Rs. 8 or 2s. (9a.)

Statistics of Cotton Spinning and Weaving in the Indian Mills in October, November and December 1902, in the seven months April to October 1902, and in the eight months April to November 1902, in the nine months April to December 1902, compared with the corresponding period of 1900 and 1901. Royal 8vo. Stitched. 2s. or 2d. (1s.) each.

Accounts relating to the Trade carried by Rail and River in India in the quarter and in the six months ending September 1902 compared with the corresponding periods of the years 1900 and 1901, No. 2 of 1902-03. F'cap. Paper cover. 8s. or 9d. (3a.)

Ditto Ditto in the quarter and in the nine months ending December 1902 compared with the corresponding periods of the years 1900 and 1901, No. 3 of 1902-1903. F'cap. Paper cover. 8s. or 9d. (3a.)

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PUBLIC WORKS DEPARTMENT.

Public Works Department Classified List and Distribution Return of Establishment corrected up to 31st December 1902. Super-Royal 8vo. Paper cover. Rs. 2 or 3s. (4a.)

Budget Estimate of the Indo-European Telegraph Department for the year 1903-04. Foolscap. Paper cover. 8s. or 9d. (2a.)

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History of Services of the Officers of the Engineer, Accounts and State Railway Revenue Establishment of the Government of India, corrected up to 31st December 1902. Vol. I. Rs. 8s. or 3s. 9d. (5a.) Vol. II. Rs. 8s. or 3s. 9d. (5a.) Complete. Rs. 5 or 7s. 6d. (8a.)

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- Cash must accompany order. Articles are sent by V. P. P. to persons in Government employment only.
- Application is to be made to the Curator, Thomason College Book Depot, Roorkee.

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BIBLIOTHECA INDICA.

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- Gadadhara Paddhati Kalasara. 4 and 5 @ Rs 2.
- Akbarnamah. (English.) Vol. I, 7 and 8 @ Rs 1.
- Dana kriya kaumudi. Fasc. 1 @ 6a.
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- Catasahasrika-prajnaparimita. Pt. I, 1 to 4 @ 6a.
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Bodhicary avatara of Cantidevi. Fasc. 1 and 2 @ 6a.
Kala Viveka. Fasc. 5 @ 6a.
Vidhana Parijala. Fasc. 1 @ 6a.

**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
FROM 1ST JANUARY TO 30TH JUNE 1903.**

Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. R1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

• CALCUTTA, SATURDAY, AUGUST 8, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901 :—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's Gazette, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's Gazette. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next Gazette."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA.
DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 6th August 1903.

NOTIFICATIONS.

No. 2505 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 1st August 1903:—

- No. 311 of 1903.—Horace Simmons, accountant, Egbert Rushton, surveyor, and Robert Hill, mineral water manufacturer, all of 99, Cannon street, London, E. C., England. *Improvements in filing cabinets.*
- No. 312 of 1903.—Jacques Oettli, professor, a member of the Syndicat Pour L'Exploitation Des Inventions Du Professeur Oettli, residing at Lausanne, Switzerland. *An electrolytic process for the manufacture of white lead.*
- No. 313 of 1903.—Jacques Oettli, professor, a member of the Syndicat Pour L'Exploitation Des Inventions Du Professeur Oettli, residing at Lausanne, Switzerland. *An electrolytic process for the manufacture of zinc white.*
- No. 314 of 1903.—Theodor Reuter, engineer, at Eutin, 16, Lübeckerstrasse, Germany. *Improvements in centrifugal pumps.*
- No. 315 of 1903.—William Baker Hartridge, fuel manufacturer, of "Glencairn," Duppas Hill road, Croydon, in the county of Surrey, England. *Improvements in or relating to the manufacture of artificial fuel.*
- No. 316 of 1903.—Charles Whitfield, engineer, of Anglezarke, Kettering, Northampton, England. *Improved apparatus for manufacturing producer and water gas.*
- No. 317 of 1903.—Monroe Lee Ross, engineer, of 21, Rue Galilee, Paris, in the republic of France. *Improvements in and relating to burners.*
- No. 318 of 1903.—K. Tholasi Doss, bangle merchant, Gettiyendra Salai Wall Tax road, Madras. *An improved water lift.*
- No. 319 of 1903.—K. Tholasi Doss, bangle merchant, Gettiyendra Salai Wall Tax road, Madras. *An improved water lift.*
- No. 320 of 1903.—Thomas Michael Murphy, mechanical engineer, of 4281, Cook avenue, in the city of St. Louis, state of Missouri, United States of America. *Improvements in pressure tanks, street cleaners, and the like.*
- No. 321 of 1903.—Heinrich Poetter, engineer, of Dortmund, in the empire of Germany. *The manufacture of a safety explosive or blasting substance.*
- No. 322 of 1903.—Gilbert William Sutton, civil engineer, of Rothmans, Great Baddow, Chelmsford, in the county of Essex, England. *Improvements in apparatus for driving off the moisture from tea leaf and the like, and in appliances used therewith.*
- No. 323 of 1903.—Charles Matthias Coen, attorney-at-law, of Washington, in the district of Columbia, United States of America. *Improvements in apparatus for the propulsion of vessels.*
- No. 324 of 1903.—F. C. G. Dobson, of the Postal Department, General Post Office, Calcutta. *An improved postman's or messenger's bag.*
- No. 325 of 1903.—Montague Churchill-Shann, electrical engineer, residing at the Grand hotel, Chowringhee road, Calcutta, British India. *Improvements in punkah-pulling systems.*
- No. 326 of 1903.—Dhunjishaw Ardeshir Bharucha, engineer, Malabar Cotton Mills, Kallai, Calicut. *Improvements in suspending hooks for punkahs.*
- No. 327 of 1903.—Walter Foran, merchant, No. 208, Thannah street, Royapuram, Madras. *Improvements in locks.*

No. 328 of 1903.—Syed Askari Hosain, physician, of Moghalpura, Fyzabad, Oudh. *A process for the manufacture of perfumery tablets.*

No. 329 of 1903.—Cantwell and company, consulting engineers and patent agents, of 14, Lindsay street, Calcutta. *Improvements in the construction of the ground floors of residential houses and tenement huts.*

No. 2506 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 289 of 1902.—Suraj Narayan Verma, sub-overseer, P. W. D., Unao, and resident of Chailpuri street, Delhi. *A graduated water level.* (Specification filed 14 May 1903.)

No. 454 of 1902.—Wilhelm Connstein, doctor of medicine, 16, Salzuffer, Charlottenburg, kingdom of Prussia, German empire. *An improved process for the decomposition of esters of fatty acids.* (Specification filed 29 July 1903.)

No. 498 of 1902.—Subodh Chandra Mukhopadhyaya, commission agent, of 18, Nayan Chand Dutt's street, Calcutta. *An improved pen, to be known as the "Saraswati Pen."* (Specification filed 27 July 1903.)

No. 506 of 1902.—Joseph Wellington Ferguson and George Welsh Ferguson, brick-makers, both of Sydney road, Wangaratta, in the state of Victoria, commonwealth of Australia. *Improvements in brick or briquette making machines.* (Specification filed 29 July 1903.)

No. 13 of 1903.—Winfield Scott Proskey, engineer, of Ocala, in the county of Marion and state of Florida, United States of America. *Improvements relating to hydrocarbon incandescent lamps.* (Specification filed 25 July 1903.)

No. 40 of 1903.—Charles Waldren Stanton, merchant, of No. 350, St. Anthony street, city of Mobile, county of Mobile, state of Alabama, United States of America. *An improvement in condensing apparatus.* (Specification filed 29 July 1903.)

No. 73 of 1903.—James Hodgkinson, engineer, of West High Street Machine Works, Pendleton, Manchester, in the county of Lancaster, England. *Improvements in apparatus for ginning or treating cotton and other fibrous material.* (Specification filed 29 July 1903.)

No. 107 of 1903.—A. and J. Main and Company, Limited, engineers, Clydesdale Iron Works, Possilpark, Glasgow, Scotland. *Method of and apparatus for making corrugated steel pales or strips.* (Specification filed 29 July 1903.)

No. 129 of 1903.—Collinson Shorrocks, weaving master, residing at Camp road, Ahmedabad. *Improvements in humidifiers.* (Specification filed 28 July 1903.)

No. 197 of 1903.—Robert Stuart Reid, surgeon, of Elizabeth street, Timaru, in the colony of New Zealand. *Improvements in or relating to windows.* (Specification filed 29 July 1903.)

No. 239 of 1903.—Herman Charles Wottereck, consulting chemist, of 3, Edinburgh mansions, Howick place, Victoria street, London, England. *Improvements in the manufacture of hydrocyanic acid and metallic cyanides.* (Specification filed 29 July 1903.)

No. 258 of 1903.—William Thomas, journalist, of Geraldine, in the colony of New Zealand. *An improved combined portable apparatus for changing photographic plates or films and for developing the same.* (Specification filed 29 July 1903.)

No. 2507 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

No. 288 of 1893.—William Alfred Lambert. *An improved hydraulic automatic punkah working apparatus.* (From 26 July 1903 to 26 July 1904.)

- No. 377 of 1895.—Herbert Arnaud Taylor. *Improvements in telegraph transmitters.* (From 13 August 1903 to 13 August 1904.)
- No. 56 of 1896.—George Alexander Dick. *Improvements in or connected with means or apparatus for compressing, squeezing or squirting heated metals.* (From 7 August 1903 to 7 August 1904.)
- No. 452 of 1896.—Pompeo Garuti and Riccardo Pompili. *New and useful improvements in the apparatus for the production of oxygen and hydrogen by electrolysis, system Garuti.* (From 2 August 1903 to 2 August 1904.)
- No. 90 of 1897.—Donald Cameron and Frederick James Commin. *Improvements in apparatus for automatically alternating the delivery of liquid to two chambers or receptacles, and also its discharge therefrom, particularly applicable to sewage filters.* (From 13 August 1903 to 13 August 1904.)
- No. 92 of 1897.—Donald Cameron and Frederick James Commin. *Improvements in the treatment of sewage, and in apparatus therefor.* (From 13 August 1903 to 13 August 1904.)
- No. 93 of 1897.—Donald Cameron, Frederick James Commin, and Arthur John Martin. *Improvements in apparatus for the treatment of sewage or other liquids.* (From 13 August 1903 to 13 August 1904.)
- No. 12 of 1898.—Dittmar Finkler. *A process for the preparation and extraction of albuminous substances from animal or vegetable mixtures and products.* (From 8 August 1903 to 8 August 1904.)
- No. 415 of 1898.—William Bellew Ewin. *A rapid salt discharging apparatus.* (From 4 September 1903 to 4 September 1904.)
- No. 22 of 1899.—Sidney Prescott Wood. *Improvements in or relating to lamp signals suitable for use on railways and tramways.* (From 18 September 1903 to 18 September 1904.)
- No. 38 of 1899.—Henri Jules Caillet. *Improvements in the rolling stock and permanent way of single rail railways.* (From 25 September 1903 to 25 September 1904.)
- No. 76 of 1899.—Binns Kershaw. *Improvements in and connected with circular knitting machines.* (From 11 September 1903 to 11 September 1904.)

No. 2508 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

- No. 318 of 1898.—George Henry Crowther, Robert Holliday, and Edward Cockshaw. *Improvements in acetylene lamps.* (Specification filed 20 April 1899.)
- No. 361 of 1898.—Amrita Lall Chowdhury. *A screw down stop ferrule.* (Specification filed 17 April 1899.)
- No. 379 of 1898.—The Fibrous Materials Syndicate, Limited. *Improvements in treating waste cocoanut husk, dust, fibre, or refuse.* (Specification filed 24 April 1899.)
- No. 401 of 1898.—George Valentine Gress. *Improvements in phonographs.* (Specification filed 26 April 1899.)
- No. 404 of 1898.—John Jack and Matthew Blake. *Improvements in and relating to the extracting and recovering of oil from fish, fish refuse, or other oil-producing animal or vegetable matters, and treating the residue thereof.* (Specification filed 18 April 1899.)
- No. 410 of 1898.—Maurice Mary Joseph Owen O'Connor. *Improvements in dredging apparatus.* (Specification filed 24 April 1899.)
- No. 414 of 1898.—Frederick Baker. *An improved spike for securing rails, decking, platforms, and the like.* (Specification filed 24 April 1899.)
- No. 419 of 1898.—Walter Martin Musgrave. *Improvements in the construction of vertical compound steam engines, and in apparatus for automatically lubricating the same.* (Specification filed 20 April 1899.)
- No. 481 of 1898.—Frederick William Jones. *Improvements in or connected with the treatment of explosives.* (Specification filed 18 April 1899.)
- No. 1 of 1899.—Joseph Pope. *An improved lighter for igniting blasting fuses.* (Specification filed 24 April 1899.)

No. 47 of 1899.—Henry Livingstone Sulman. *Improvements in obtaining gold from certain of its ores.* (Specification filed 20 April 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs 50 for each of the above inventions.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,

Secretary under the Inventions and
Designs Act, 1886.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.

NOTIFICATION.

Simla, the 1st August 1903.

No. 20.—Lieutenant Colonel E. F. H. Dobson, I.M.S., Officiating Medical Store-Keeper to Government, Bengal Command, is granted privilege leave for two months and one day under Article 260, Civil Service Regulations, with effect from 14th August 1903, or the subsequent date that he may avail himself of the leave.

B. FRANKLIN, Surgeon-General,
Director-General, Indian Medical Service.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 4th August 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the
31st July 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as Security for notes under Act VIII of 1900.	TOTAL.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Calcutta	3,39,10,000	12,22,22,140	15,61,32,140	6,33,31,047	7,22,64,375	...	...	13,55,95,422
Allahabad	...	2,59,08,360	2,59,08,360	1,22,64,824	6,73,538	...	...	1,29,38,362
Lahore	...	2,93,13,135	2,93,13,135	52,03,391	10,27,245	...	...	62,30,636
Bombay	1,98,78,080	8,00,48,130	9,99,26,210	1,78,36,582	5,45,39,992	...	...	7,23,76,574
Karachi	...	1,24,80,275	1,24,80,275	27,36,512	15,73,163	...	...	43,09,675
Madras	19,73,780	3,28,30,440	3,48,04,220	94,53,235	1,29,76,875	...	...	3,24,30,110
Calicut	...	19,08,315	19,08,315	11,69,210	90,000	...	...	12,59,210
Rangoon	...	1,51,61,925	1,51,61,925	2,01,33,895	4,71,750	...	...	2,06,05,645
	5,57,61,860	31,90,71,790	37,57,33,580					
Deduct: Withdrawn from circulation by Foreign Circles and in course of remittances to Circles of Issue			Nil.					
		TOTAL Rs.	37,57,33,580	14,21,16,695	14,36,16,938	...	...	27,57,33,634
Deduct—Amount due on Bills drawn by one circle on another								Nil.
						NET TOTAL Rs.		27,57,33,634
Price paid for Government Securities of the nominal value of Rs. 10,20,81,500 held under Section 19 of the Indian Paper Currency Act XX of 1882								9,99,99,916
						GRAND TOTAL ■		37,57,33,580

* R39,134.03 (\$261,027) was transferred in gold to the Paper Currency Reserve from the Gold Reserve Fund on the 25th July 1903.

O. T. BARROW,
Head Commissioner of Paper Currency.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

1. Engineers.
2. Overseers.
3. Sub-Overseers.
4. Draftsmen.
5. Press workers.
6. Photo-Mechanical workers.
7. Mechanical apprentices.
8. Metal and wood carvers.

E. ATKINSON, Captain, R.E.,
 Officiating Principal, Thomason College.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enforced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 31st July 1903.

PARTICULARS.	3½ PER CENT. LOANS			4 PER CENT. LOANS							4½ PER CENT. LOANS			GRAND TOTAL.			
	of 1895-97.	of 1894-95.	of 1895.	of 1896-97.	of 1897-98.	of 1898-99.	Total.	of 1899-1900.	of 1900-01.	of 1899-00.	of 1900-01.	of 1901-02.					
Balance of 1st July 1903	1,27,57,000	11,25,09,326	2,55,41,810	9,17,64,100	100	11,00,000	27,08,00,900	6,934	5,000	15,500	40,800	5,700	73,034	5,000	29,500	34,500	18,56,5734
Added— Amount of transferred to London	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Amount entered at Madras up to 31st July 1903	...	2,000	...	...	...	...	2,000	...	...	...	...	...	...	...	...	...	...
Amount entered at Bombay up to 31st July 1903	...	3,00,000	...	...	...	...	3,00,000	...	...	...	...	...	...	...	...	...	...
Amount entered at Calcutta between 1st and 31st July 1903	1,00,000	5,000	7,500	...	...	...	13,000	...	...	...	...	...	...	...	...	...	...
Deduct— Amount written off in the London Register	1,28,57,000	14,35,18,300	9,58,48,700	1,27,64,100	100	11,00,000	27,15,64,800	6,934	5,000	15,500	40,800	5,700	73,034	5,000	29,500	34,500	18,56,5734
Balance on 31st July 1903	1,24,07,000	11,24,08,300	9,40,23,700	1,27,31,700	100	11,00,000	27,08,00,900	6,934	5,000	15,500	40,800	5,700	73,034	5,000	29,500	34,500	18,56,5734

Notes.—From 1st June 1896 to 31st May 1903, entered from India 11,100 lakhs, re-transferred from London to 100 lakhs.

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 1st August 1903.

W. D. CRUICKSHANK,
Secretary and Treasurer.

Balance against India 474 lakhs.

10,708 lakhs.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 4th August 1903.

LIABILITIES.			ASSETS.		
	R	a. p.		R	a. p.
Capital paid up	2,00,00,000	0 0	Government Securities	1,83,52,791	0 0
Reserve Fund	1,21,50,000	0 0	Other authorised Investments	39,60,509	0 0
Public Deposits			Loans on Government and other authorised Securities	2,62,29,766	2 6
at Head Office	73,44,923	3 8	Accounts of Credit on Government and other authorised Securities	1,65,26,618	1 10
Public Deposits at Branches	86,00,337	15 3	Bills discounted and purchased	1,72,96,154	11 4
Other Deposits at Head Office and Branches.	8,20,44,070	9	Balances with other Banks	10,69,819	9 2
Bank Post Bills, etc.	4,13,408	2 10	Bullion	1,263	9 7
Sundries	17,10,585	6 9	Dead Stock	18,11,401	3 9
			Stamps	11,774	4 3
			Sundries	10,87,972	9 6
				8,63,48,070	3 11
			Cash and Currency Notes at Head Office*	2,38,79,377	15 4
			Cash and Currency Notes at Branches†	2,20,35,677	2 9
				4,59,15,255	2 1
RUPREES	13,22,63,325	6 0	RUPREES	13,22,63,325	6 0

* Includes Sovs. and do. value K 1,30,090 0 0
 † do. do. do. 1,81,050 0 0
 K 3,10,140 0 0

By order of the Directors.

BANK OF BENGAL,
Calcutta, 6th August 1903.H. F. FRESHWATER,
Offg. Chief Accountant.
Rate for Demand Loans 4 per cent.
Percentage 45.87.W. D. CRUICKSHANK,
Secretary and Treasurer.

BANK OF BENGAL.

Proceedings at the Annual General Meeting of the Proprietors and Shareholders of the Bank of Bengal, held on Monday, the 3rd August 1903, in terms of Section 49 of the Presidency Banks' Act, 1876.

Mr. W. A. Bankier, President of the Board of Directors, in the Chair.

The Secretary having read the notice convening the Meeting, the Chairman submitted the papers, noted below, relative to the business for the year ended 30th June 1903.
 On the motion of Mr. W. A. Bankier, seconded by Mr. W. R. T. Aitken, the accounts for the year were approved and passed.

On the motion of Mr. W. A. Bankier, seconded by Mr. J. M. G. Proffit, Mr. W. R. T. Aitken and Mr. J. C. Shorrocks were re-elected Directors.

On the motion of Mr. W. C. Graham, seconded by Mr. C. E. Grey, Mr. A. F. Simson, of Messrs. Meugens, King and Simson, and Mr. A. S. Lovelock, of Messrs. Lovelock and Lewes, were elected Auditors for the ensuing year, and their remuneration fixed at Rs. 500 for each audit, or Rs. 1,750 to each Auditor.

The proceedings terminated with a vote of thanks to the Chairman, proposed by Mr. W. R. T. Aitken, and carried unanimously.

W. A. BANKIER,
Chairman.

- I.—Copy of the Statement of the Affairs of the Bank on 31st December 1902 transmitted to Government agreeably to Section 43, Act XI of 1876.
- II.—Directors' Report for the half-year ended 31st December 1902, and the Report of the Auditors.
- III.—Copy of the Statement of the Affairs of the Bank on 30th June 1903 transmitted to Government agreeably to Section 43, Act XI of 1876.
- IV.—Directors' Report for the half-year ended 30th June 1903, and the Report of the Auditors.
- V.—Statement of the Profits for six months, viz., from 1st July to 31st December 1902.
- VI.—Statement of the Profits for six months, viz., from 1st January to 30th June 1903.
- VII.—Statement of the whole Profits for twelve months, viz., from 1st July 1902 to 30th June 1903.
- VIII.—List of Proprietors and Shareholders.

ORDERS BY THE SYNDICATE OF THE CALCUTTA UNIVERSITY.

1. In modification of the order *re* Ward's Gifford Lectures published in the Gazette of the 17th June last, the Examiners in Mental and Moral Science for the M.A. Examination in 1903 have been instructed that they are at liberty to set questions from the Lectures, but that for every question so set they must provide an alternative.

2. The following Natural Orders in Botany are prescribed for the Preliminary Scientific M.B. and L.M.S. Examinations in 1904:—

- | | |
|-------------------|-------------------|
| (1) Anonaceæ. | (5) Solanaceæ |
| (2) Anacardiaceæ. | (6) Euphorbiaceæ. |
| (3) Leguminosæ. | (7) Scitamineæ. |
| (4) Compositæ. | (8) Gramineæ. |

3. The following Genera and Orders in Zoology are prescribed for the B.A. Examination in 1904:—

- (a) Genera of the Order Ecaudata (Class Batrachia).
 (b) Ditto Scorpione (Sub-class Arachnida).
 (c) Indian Genera of the Sub-order Ophidia (Order squamata), Class Reptilia.
 (d) Ditto Order Gallinæ (Game birds), Class Aves.

4. The Books of Joshua, Judges and Job, in the Khasi version of the Bible, are prescribed for the Examination in Khasi at the Entrance Examination in 1905.

5. The Examination in Assamese at the Entrance Examination in 1905 shall be on Selections, to be notified later on, from Sahitya Sangraha by Padmanath Barua, Sahitya Bichar by Satyanath Bora, and the Adikanda of the Ramayana in the Assamese version of Rai M. C. Bardaila, Bahadur.

6. Manindralal Bandyopadhyay, a candidate at the recent F.A. Examination from the Bhumihar Brahman College, to whom has been traced an Answer-Book in Sanitary Science, with page after page filled with obscene matter of the grossest description, has been called upon to surrender his Entrance Certificate with a view to its cancellation; has had his name removed from the records of the University; and is debarred from all future Examinations of the University.

7. Under Rule 7 of the Rules for the Recognition of Schools, the privileges of recognition are withdrawn from the Rajchandra Collegiate School, Barisal.

K. C. BANURJI,
Registrar, Calcutta University.

SENATE HOUSE;
The 27th July 1903.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Simla, the 1st August 1903.

No. 21.—The following reversion in the Superior Establishment of the Indian Telegraph Department is ordered, with effect from the 1st of August 1903:—

Name.	From	To
R. W. Hodges	Assistant Superintendent, 3rd grade, and Assistant Superintendent, Class VI, 2nd grade, temporary (old grading).	Assistant Superintendent, 3rd grade.

F. G. MACLEAN,
Director General of Telegraphs.

H B

SURVEY OF INDIA, TRIGONOMETRICAL BRANCH.

NOTIFICATIONS.

Dehra Dún, the 29th July 1903.

No. 27.—Babu Rama Prasad Ray, Sub-Assistant Superintendent, 2nd grade, Survey of India, is granted privilege leave for one month, in extension of that granted to him by Notification No. 26 of 12th June 1903.

The 30th July 1903.

No. 28.—Munshi Rahmatullah, Extra Assistant Superintendent, 6th grade, Survey of India, is granted privilege leave for one month and two days under the provisions of Article 260 of the Civil Service Regulations, 4th Edition, with effect from the 3rd August 1903.

J. ECCLES, M.A.,

Offg. Superintendent, Trigonometrical Surveys

THE HONOURABLE THE RESIDENT IN MYSORE.

NOTIFICATIONS.

Bangalore, the 3rd August 1903.

No. 3606.—Whereas by the Notification of the Government of India in the Foreign Department No. 2252-I., dated the 7th August 1883, the Indian Christian Marriage Act, 1872, was with certain modifications declared to apply to the Civil and Military Station of Bangalore, so far as regards marriages between persons, one of whom is a Native Christian subject of Mysore, and neither of whom is a Christian British subject.

In exercise of the powers conferred by sections 6 and 9 respectively of the Act, the Hon'ble the Resident in Mysore is pleased—

- (a) to grant a license to the Reverend William Russell Manley, M.A., of the American Baptist Telugu Mission to solemnize marriages, within the territories included in the Civil and Military Station of Bangalore; and
- (b) to grant a license to the said Reverend William Russell Manley, M.A., authorising him to grant certificates of Marriage within the territories included in the Civil and Military Station of Bangalore between Native Christians, one of whom is a Native Christian subject of Mysore, and neither of whom is a Christian subject of His Majesty.

No. 3607.—In exercise of the powers conferred by Sections 6 and 9 respectively of the Indian Christian Marriage Act, 1872 (XV of 1872, as modified by Act II of 1891) and which have been delegated to him by the Governor-General in Council under Section 86 of the Act by Foreign Department Notification No. 3747-I. B., dated the 1st October 1897, the Hon'ble the Resident in Mysore is pleased—

- (a) to grant a license to the Reverend William Russell Manley, M.A., of the American Baptist Telugu Mission to solemnize marriages within the territories of Mysore, including the Civil and Military Station of Bangalore; and
- (b) to grant a license to the said Reverend William Russell Manley, M.A., authorising him to grant certificates of Marriage between Native Christians within the said territories.

The powers hereby conferred are to be exercised only so far as regards Christian subjects of His Majesty.

By order,

R. M. KING,

First Assistant Resident.

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. 6. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

NORTH WESTERN RAILWAY.

NOTIFICATION.

Lahore, the 31st July 1903.

No. 21.—Captain H. F. R. Freeland, R.E., District Traffic Superintendent, class II, grade 4, is granted, under Articles 303 (ii) and 308 (iv) 2 of the Civil Service Regulations, furlough for nine months with effect from the 17th May 1903, in combination with privilege leave for two months and special China leave for one month already availed of by him.

S. FINNEY,

Manager, North Western Railway.

TREASURE TROVE.

NOTICE.

It is hereby notified under section 5 of the Indian Treasure Trove Act VI of 1878 that on the 29th April 1903 treasure consisting of the undermentioned articles and valued at Rs. 20 was found by one Vasudeva Chari while excavating the foundations in the inner southern wall of the Iswaran kovil situated in Kilur village, Tirukkoyilur taluk, South Arcot district in the Madras Presidency.

Description of treasure.

Value,

Rs.

A copper idol (known as Prathosha Nayagar) with prabhai and a copper-plate. 20.

2. All persons claiming the said treasure or part thereof are hereby required to appear personally or by agent before the Collector of South Arcot at his office at Cuddalore on Monday, the 4th day of January 1904, in view to the matter being enquired into or determined according to law.

E. A. ELWIN,

Collector.

SOUTH ARCOT COLLECTOR'S OFFICE,
Cuddalore, 30th July 1903.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA IN THE PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Camp Ajmer, the 1st August 1903.

No. 290-C.S.—Whereas land is required in the Ajmer District for a public purpose, *viz.*, for the construction of gangmen's quarters at mile 2 on the Malwa section of the Rajputana Malwa Railway, this declaration is made in accordance with the provision of section 6 of the Land Acquisition Act I of 1894.

District.	Paragana.	Mouza.	Amount required permanently.	Purpose for which required.	REMARKS.
Ajmer	Ajmer	Ajmer	5½ Biswas or 528 sq. yards.	For the construction of gangmen's quarters at mile 2 on the Malwa section of the Rajputana Malwa Railway.	The plan can be inspected at the office of the Collector of Ajmer.

The Collector of Ajmer is authorised to take steps for the acquisition of land notified.

G. G. WHITE, M.I.C.E.,

Secretary to Chief Commissioner, Ajmer-Merwara

P. W. D.

H B 2

REVENUE COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATION.

Nathiagali, the 28th July 1903.

No. 1-H.—Bakhshi Anup Chand, Superintendent of the Vernacular office of the Deputy Commissioner, Peshawar, and a qualified candidate for the post of Tahsildar, is appointed to officiate as Tahsildar of Kohat, and will relieve Lala Hukamchand I, who will revert to his substantive post of Naib Tahsildar at Kohat.

M. F. O'DWYER,

Revenue Commissioner, N.-W. F. Province.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 30th July 1903.

No. 166.—The leave granted to Mr. E. G. Gregson, Assistant District Superintendent of Police, in Notification No. 147 of the 10th July 1903, is hereby cancelled.

The 1st August 1903.

No. 167.—Lieutenant W. C. T. G. G. Plant, I.A., Adjutant and Quarter Master, Southern Waziristan Militia, held charge of the duties of 2nd-in-Command of that Corps in addition to his own, from the 16th May to the 14th June 1903, both days inclusive.

LEAVE.

The 29th July 1903.

No. 165.—In continuation of Notification No. 13, dated 30th January 1903, it is hereby notified that the leave of absence granted to Captain D. B. Blakeway, Assistant Commissioner, has been extended by His Majesty's Secretary of State for India, by a further period of two and a half months on medical certificate.

POWERS.

The 3rd August 1903.

No. 168.—The Hon'ble the Chief Commissioner is pleased, under the provisions of section 22 of the Code of Criminal Procedure, 1898, to appoint Captain Hugh Stewart, Assistant Commissioner and City Magistrate, Peshawar, to be a Justice of the Peace within and for the territories included in the Government of the North-West Frontier Province.

No. 169.—Under the provisions of section 27 of the Punjab Land Revenue Act, 1887, the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, is pleased to confer all the powers of an Assistant Collector of the 2nd grade, under Chapter IV of the said Act, on M. Ahmad Khan, officiating Settlement Naib Tahsildar, within the limits of the district to which he may be from time to time appointed. Such powers shall be exercised subject to the control of the Settlement Officer under whom he may from time to time be serving.

By order,

F. W. JOHNSTON,

Offg. Secretary to the Chief Commissioner,
N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 11th July 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of deaths per 1,000 of population.	Number.	
				Males.	Females.	Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hassara	Abbottabad	3,395	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2		Nawashahr	4,114	2	4	6	5	3	2	...	...	...	2	...	2	...	...	1	2	1	3	76	63
3		Butta	7,020	1	5	6	6	2	4	...	1	...	...	...	...	2	...	1	...	1	1	45	45
4		Haripur	5,578	2	1	3	5	2	3	1	...	...	...	2	...	...	...	2	1	1	2	26	47
5	Peshawar	Peshawar	73,343	24	21	45	45	23	22	4	...	...	27	...	2	...	12	5	5	7	32	32	
6	Kohat	Kohat	18,092	...	2	2	14	6	8	...	...	...	10	...	3	...	1	...	1	1	6	40	
7	Bannu	Bannu	10,070	6	5	11	8	5	3	2	...	...	1	...	...	...	5	1	1	2	57	41	
8		Lakki	5,218	...	3	3	1	1	...	...	...	...	...	...	...	...	...	1	...	...	...	30	10
9	Dera Ismail Khan	Dera Ismail Khan	28,287	15	11	26	16	8	8	...	1	...	12	...	1	...	...	...	6	3	9	48	29
10		Kulachi	9,125	...	...	2	2	2	...	...	...	...	...	2	...	...	...	...	...	...	...	11	11
TOTAL			164,251	54	53	107	102	52	50	7	2	...	58	2	10	...	23	15	10	25	...	34	32

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 11th July 1903.

Births and deaths in Municipal Towns.—In the 10 Municipal Towns, 107 births were registered (54 males and 53 females), giving a birth-rate of 34 per mille of population; 102 deaths were registered (52 males and 50 females) giving a death-rate of 32 per mille of population.

There was 1 death registered from cholera in Haripur; 4 in Peshawar, and 2 in Bannu.

Peshawar, the 29th July 1903.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Statement showing the number of Births registered according to classes in the Districts of the North-West Frontier Province during the month of June 1903.

Number.	Districts.	3			4			5			6			7			Birth-rate per mille per annum.	9
		CHRISTIANS.			HINDUS.			MUHAMMEDIANS.			OTHER CLASSES.			TOTAL.				
		Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.	Boys.	Girls.	Total.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Harira	...	...	...	29	31	60	783	676	1,459	...	...	...	812	707	1,519	33	1
2	Peshawar	...	...	...	38	30	68	802	642	1,444	2	...	2	842	672	1,514	24	2
3	Kohat	...	...	...	6	4	10	247	223	470	...	...	...	253	227	480	28	3
4	Bannu	...	...	...	23	29	52	274	189	463	...	...	...	297	218	515	28	4
5	Dera Ismail Khan	...	...	...	34	33	67	256	242	498	...	...	...	290	275	565	28	5
	TOTAL	...	...	...	130	127	257	2,362	1,972	4,334	2	...	2	2,494	2,099	4,593	28	

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 31st July 1903.

ROYAL INDIAN MARINE.

NOTIFICATIONS.

FURLOUGH AND LEAVE.

Bombay, the 3rd August 1903.

No. 19.—The undermentioned officer is granted leave to proceed out of India on medical certificate under the leave rules contained in paragraph 131, Marine Regulations India, Volume I, Part II, the leave to have effect in India from the date of being struck off duty till the date of sailing; the specified period to count from the date of leaving India:—

Assistant Engineer G. S. Greenish, R.I.M., for 6 months from the 1st August 1903.

No. 20.—Lieutenant T. J. Walker, R.I.M., is granted furlough out of India (m. c.) for one year from the 1st August 1903, under the leave rules contained in paragraph 130, Marine Regulations, India, Volume I, Part II.

F. H. ELDERTON,
for Director, Royal Indian Marine.

CURRENCY NOTES.

The following Currency Notes of the Lahore Circle are stated to have been destroyed and payment of their value has been claimed by the person whose name is placed against the numbers; any other person claiming a right to them, is warned to communicate at once with the undersigned:—

NOTES WHOLLY LOST OR DESTROYED.

Register No.	No. of Notes.	Value.	Name of claimant.
W-15-1903 04.	EA-33-12525	100	Molshi Ram, Petition writer, Phelour.
	" 12526	100	
	" 12527	100	

C. RIVAZ,
Currency Officer.

PAPER CURRENCY OFFICE,
LAHORE;
The 30th July 1903.

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATIONS.

Agra, the 11th July 1903.

No. 95.—Mr. F. J. Dickinson, Superintendent of the Agra Circle in the Upper Division, Internal Branch, is granted privilege leave for two months from the 4th August 1903.

The 31st July 1903.

No. 120.—I ala Hardayal Singh, Officiating Assistant Superintendent, and grade, of the Farrukhabad Circle in the Upper Division, Internal Branch, reverted to his substantive appointment as Inspector, 1st grade, from the 21st July 1903.

R. M. DANE,
Commissioner, Northern India Salt Revenue.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
$\frac{1}{2}$ "	5	6	6
$\frac{1}{4}$ "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16, or post-free, R16-8
$\frac{1}{2}$ "	R8, " R8-6
$\frac{1}{4}$ "	R4, " R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

GOVERNMENT PUBLICATIONS FOR SALE

BY THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA,
8, HASTINGS STREET, CALCUTTA.

A General Catalogue of all Government Publications may be obtained gratis
from the Government Central Press, Calcutta.

All books published by the Superintendent of Government Printing, India, can be purchased either directly or
through the following or any other booksellers :—

AGENTS IN INDIA.

Messrs. Thacker, Spink & Co., Calcutta and Simla.
Messrs. Newman & Co., Calcutta.
Messrs. R. Cambray & Co., Calcutta.
Messrs. S. K. Lahiri & Co., Calcutta.
Messrs. Higginbotham & Co., Madras.
Messrs. V. Kalyanaram Iyer & Co., Madras.
Messrs. G. A. Natesan & Co., Madras.
Messrs. Thacker & Co., Ltd., Bombay.
Messrs. A. J. Combridge & Co., Bombay.
Messrs. D. B. Taraporevala, Sons & Co., Bombay.
Mrs. Radhabai Atmaram Sagoon, Bombay.
Superintendent, American Baptist Mission Press,
Rangoon.
Rai Sahib M. Gulab Singh & Sons, Muñd-i-Am Press,
Lahore.
Mr. A. W. Hamilton, 11, Edmondstone Road, Allahabad.
Mr. N. B. Mathur, Superintendent, Nazair Kanun Hind
Press, Allahabad.

Manager, Educational Book Depot, Nagpur and
Jubbulpore.*
Manager of the Imperial Book Depot, 63, Chandny
Chauk Street, Delhi.*
Manager, *East Coast News*, Vizagapatam.*
Manager, "The Agra Medical Hall and Co-operative
Association, Limited" (Successors to A. John & Co.,
Agra).*
Mr. T. K. Seetharama Aiyar, Kumbakonam.*
Late Debi Prasad, Vakil and Manager of Law Press,
Cawnpore.*
Superintendent, Basel Mission Book and Tract
Depository, Mangalore.*
Messrs. P. Varadachary & Co., Madras.*
Mr. Sunder Pandurang, Bombay.*
The Mercantile Mission Branch, Calicut.*

AGENTS IN EUROPE.

Mr. E. A. Arnold, 37, Bedford Street, Strand, London.
Messrs. Constable & Co., 2, Whitehall Gardens, London.
Messrs. Sampson Low, Marston & Co., St. Dunstan's
House, Fetter Lane, London.
Messrs. Luzac & Co., 46, Great Russell Street, London.
Messrs. Kegan Paul, Trench, Trübner & Co., Charing
Cross Road, London.
Mr. B. Alfred Quaritch, 15, Piccadilly, London.
Messrs. P. S. King & Son, 2 & 4, Great Smith Street,
Westminster.

Messrs. H. S. King & Co., 65, Cornhill, London, etc.
also Agents for the sale of the Indian Army List.
Mr. Otto Harrassowitz } Leipzig.
Mr. Karl Hiersemann }
Messrs. R. Friedländer & Sons, Berlin, N. W. Carls-
trasse, 11.
Mr. Ernest Leroux, 36, Rue Bonaparte, Paris.
Mr. Martinus Nijhoff, Hague, Holland.
Messrs. Williams and Norgate, Oxford.
Messrs. Deighton Bell & Co., Cambridge.

*Agents for sale of the Legislative Department publications.

NOTICE.—Books and Acts required for private use only can be purchased. Applications should be accom-
panied by a remittance, unless it is wished that the books should be sent by value-payable post, in which case, besides
the ordinary postage, an additional charge is made for registration and commission.

Books and Acts required for the public service should be obtained through Local Governments to whom the
applicant is subordinate.

Applications for Government publications which are no longer in print should be made to the Agents of the
particular Government under whose orders they were originally issued.

The amounts within parentheses are for packing and postage.

LIST OF NEW BOOKS PUBLISHED DURING THE CURRENT QUARTER.

LEGISLATIVE DEPARTMENT.

- Act XLV of 1860. The Indian Penal Code. As modified up to the 1st April 1903. With an
Index. Rs. 8a. or 3s. 9d. (5a.).
Act II of 1882. The Indian Trusts Act. As modified up to 1st June 1903. 10a. or 1s. (2a.).
Regulation No. V of 1873. As modified up to 1st July 1903. A Regulation for the peace
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- Annual Report of the Sanitary Commissioner with the Government of India, 1901, with Appendices and Returns of Sickness and Mortality among European Troops, Native Troops, and Prisoners in India, for the year. F'cap. Board. Rs 3 or 4s. 6d. (8s.)
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**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
FROM 1ST JANUARY TO 30TH JUNE 1903.**

- Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
 Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
 Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. R1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 15, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

* From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 3 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA.
DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 13th August 1903.

NOTIFICATIONS.

No. 2611 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 8th August 1903:—

- No. 330 of 1903.—Peter Stuart Brown, manufacturer, of Bothwell Park, Bothwell, Lanarkshire, Scotland. *Improvements in boxes for holding tea.*
- No. 331 of 1903.—Wallace Fairweather, chartered patent agent, of 62, Saint Vincent street, Glasgow, Scotland. *Rotary take-ups for sewing machines.*
- No. 332 of 1903.—Joseph Foord Wilson, dentist, of Spey street, and Edward Henry Whitmore, printer of The Crescent, both in Invercargill, in the provincial district of Otago, in the colony of New Zealand. *Improved spring hook clip for securing luggage labels and supporting show cards and the like purposes.*
- No. 333 of 1903.—Harve Reed Stuart, electrical engineer, of 425, Wallace avenue, Wilkesburg, Pennsylvania, United States of America. *Improvements in apparatus for regulating and controlling the voltage of alternating current circuits.*
- No. 334 of 1903.—Washington-Licht-Gesellschaft m. b. H., a company under the laws of the German empire and residing in the city of Elberfeld, province of Rhine, German empire. *Improvements in gas light wickless incandescent burners for liquid fuel admitted under pressure.*
- No. 335 of 1903.—George Washington Harris, blacksmith, of the town of Brampton, in the county of Peel, in the province of Ontario, Canada. *Improvements in nut locks.*
- No. 336 of 1903.—William Gow, tea broker, of Rood lane, London, E. C., England. *Apparatus for the process of panning or roasting tea leaf, and for drying other substances.*
- No. 337 of 1903.—Arthur Warner Hooke, assayer and metallurgist, of Redfern, Sydney, in the state of New South Wales, commonwealth of Australia. *An improved process for the preparatory treatment of kaolin battery slimes, and other similar earthy material prior to the extraction therefrom of the gold or other precious metals contained therein.*
- No. 338 of 1903.—David Decimus Coath, civil engineer, of Rangoon. *Improvements in the construction of corrugated iron roofs.*
- No. 339 of 1903.—The Foreign McKenna Process Company, a corporation organized under the laws of the state of Wisconsin, having its offices at the corner of Milwaukee and Mason streets, Milwaukee, county of Milwaukee, state of Wisconsin, United States of America. *Improvements in charging machines.*
- No. 340 of 1903.—Albert Ashley Biggs, assistant engineer, Southern Mahratta Railway, at present residing at Bellary, in British India. *Improved means for supplying water or other liquid to railway trains at watering places.*
- No. 341 of 1903.—John Henry Patterson, D.S.O., Lieutenant-Colonel, late commanding 33rd Battalion, Imperial Yeomanry, Aldershot, in the county of Surrey, England. *Improved appliances for carrying a rifle or carbine when mounted.*

No. 2612 P.—THE under-mentioned design has been registered, under the provisions of the Inventions and Designs Act, 1888, in the office of the Secretary appointed under that

Act, and copies have been sent to the Governments of Madras, Bombay, and Burma. This and other designs are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying.

No. 2 D. of 1903.—Birmingham Small Arms Company, Limited, manufacturers, of Small Heath, Birmingham, England. *Design for a chain-wheel for cycles.*

No. 2613 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 4 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 468 of 1902.—John Henry Rose Harley, merchant, of No. 87, Old China Bazar street, Calcutta. *A light portable tent for military and other purposes.* (Specification filed 25 July 1903.)

No. 508 of 1902.—Montague Churchill Shann, electrical engineer, residing at the Grand hotel, Chowringhee road, Calcutta, British India. *Improvements in punkah pulling machines, and in attaching the pulling rope to punkahs.* (Specification filed 1 August 1903.)

No. 198 of 1903.—Adolph Bautsch, engineer, of 205, Permit road, Cawnpore, British India. *Improvements in decorticating machines.* (Specification filed 31 July 1903.)

No. 209 of 1903.—The Westinghouse Brake Company, Limited, manufacturers, of 82, York road, King's cross, in the county of London, England. *Improvements in or relating to automatic couplings for railway and like vehicles.* (Specification filed 1 August 1903.)

No. 257 of 1903.—Hugh Victor McKay, machinery merchant, of Yuille street, Ballarat, in the state of Victoria, commonwealth of Australia. *Improvements in stripper-harvesters.* (Specification filed 1 August 1903.)

No. 260 of 1903.—Edward Richard Palmer, sanitary engineer, of 17, Wickham road, Beckenham, Kent, England. *Improvements in or relating to latrine systems.* (Specification filed 1 August 1903.)

No. 2614 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

No. 156 of 1897.—John Alston Hart. *Improvements in apparatus for ventilating and for purifying, humidifying and otherwise conditioning air.* (From 3 August 1903 to 3 August 1904.)

No. 26 of 1898.—Karl Andreas Zschörner. *Improvements in the art or process of manufacture of a fibrous material suitable for making paper from peat.* (From 15 August 1903 to 15 August 1904.)

No. 39 of 1898.—Walter John Lloyd and William Priest. *Improvements in driving mechanism for bicycles, tricycles and other velocipedes and motor vehicles.* (From 22 August 1903 to 22 August 1904.)

No. 40 of 1899.—Walter Mardon Ducat. *Improvement in the method of and apparatus for purifying water, sewage and other foul liquids.* (From 10 May 1903 to 10 May 1904.)

No. 234 of 1899.—Harry Phillips Davis. *Improvement in controllers for electric motors.* (From 6 October 1903 to 6 October 1904.)

No. 259 of 1899.—Paul Porchère. *Improvements in the production of sweetening liquids.* (From 23 August 1903 to 23 August 1904.)

No. 267 of 1899.—Charles Felton Scott. *Improvements in systems of electrical distribution.* (From 6 October 1903 to 6 October 1904.)

No. 274 of 1899.—Benjamin Garver Lamme. *Improvement in systems of electrical distribution and regulation.* (From 6 October 1903 to 6 October 1904.)

No. 2615 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act, the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

No. 347 of 1898.—The Petolite Fuel Syndicate, Limited. *Improvements in the manufacture of briquettes or blocks of fuel from waste products or otherwise, enriched by petroleum compounds.* (Specification filed 3 May 1899.)

No. 348 of 1898.—The Petolite Fuel Syndicate, Limited. *An improved mode of admixing and preparing petroleum and other matter in compound form with a view to its final use as a combustible.* (Specification filed 3 May 1899.)

No. 431 of 1898.—Heinrich Hampel and Victor Zampis. *An improved method of the preparation of a rosin-soap for paper sizing, containing an admissible quantity of free rosin.* (Specification filed 3 May 1899.)

No. 4 of 1899.—Jehangir F. Seervai. *An improved self-closing non-percussion water tap.* (Specification filed 2 May 1899.)

No. 7 of 1899.—Charles Josiah Ross. *Improvements in hats, helmets and the like head coverings.* (Specification filed 2 May 1899.)

No. 77 of 1899.—George Falvey Beyts. *A collapsable dooly, dandy, stretcher and easy chair combined.* (Specification filed 4 May 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs50 for each of the above inventions

No. 393 of 1896.—Pontin's Patent Butter Box Company, Limited. *Improvements in and relating to boxes or packages for the transport of butter fruit or other edible substances.* (Specification filed 30 April 1897.)

Fee in respect of the continuance of an exclusive privilege—

4 (c) After the expiration of the fifth year and before the expiration of the sixth year from the date of filing of the specification—

The sum of Rs50 for the above invention.

No. 136 of 1891.—William Charles Boyce. *A transit indicator.* (Specification filed 5 May 1892.)

Fee in respect of the continuance of an exclusive privilege—

4 (h) After the expiration of the tenth year and before the expiration of the eleventh year from the date of the filing of the specification—

The sum of Rs100 for the above invention.

No. 84 of 1889.—Thomas Alva Edison. *Improvements in phonographs and phonograms.* (Specification filed 30 April 1890.)

No. 85 of 1889.—Thomas Alva Edison. *Improvement in phonogram blanks and phonograms and processes of making the same.* (Specification filed 30 April 1890.)

No. 86 of 1889.—Thomas Alva Edison. *Improvements in methods and apparatus for recording and reproducing sounds, and for preparing surfaces for receiving sound records, and in materials or compositions for such surfaces.* (Specification filed 30 April 1890.)

No. 87 of 1889.—Thomas Alva Edison. *Improvements in phonographs.* (Specification filed 30 April 1890.)

No. 88 of 1889.—Thomas Alva Edison. *Improvements in apparatus for recording and reproducing sound, and in surfaces for receiving such sound record, and methods of making and using such surfaces.* (Specification filed 30 April 1890.)

No. 179 of 1889.—Thomas Alva Edison. *Improvements in phonographs or apparatus for recording and reproducing sound in devices used in and in connection with such apparatus, and in phonogram blanks or surfaces for receiving the sound records, and in methods of making and using such surfaces.* (Specification filed 30 April 1890)

Fee in respect of the continuance of an exclusive privilege —

4 (f) After the expiration of the twelfth year and before the expiration of the thirteenth year from the date of filing of the specification—

The sum of ₹100 for each of the above inventions.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified; or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,
Secretary under the Inventions and
Designs Act, 1888.

POST OFFICE.

NOTIFICATION.

Simla, the 6th August 1903.

No. 951-S. 1p.—Mr. A. H. Sparling, Superintendent, Postal Workshop and Press, Aligarh, is granted privilege leave for two months and 13 days, with effect from the 28th August 1903 or from the date on which he may avail himself of it.

H. M. KISCH,
Officiating Director-General of the Post Office of India.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 15th August 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 7th August 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as security for notes under Act VII of 1900.	TOTAL.
	R	R	R	R	R	R	R	R
Calcutta	2,78,30,000	12,36,81,995	15,15,11,995	6,18,00,007	7,24,32,180	...	...	13,42,32,087
Allahabad	...	2,55,84,830	2,55,84,830	1,19,80,486	6,16,403	...	...	1,25,96,889
Lahore	...	2,93,20,215	2,93,20,215	38,44,021	9,82,297	...	...	48,26,319
Bombay	2,08,34,470	8,14,03,865	10,22,38,335	1,84,30,442	5,72,47,267	...	...	7,56,77,709
Karachi	...	1,27,02,040	1,27,02,040	26,69,073	15,57,447	...	...	42,26,465
Madras	48,59,530	3,41,79,990	3,90,39,520	86,18,300	1,29,03,930	...	...	2,15,22,230
Calicut	...	19,88,480	19,88,480	11,65,770	73,993	...	...	12,39,765
Rangoon	...	1,42,27,155	1,42,27,155	2,02,70,965	3,92,535	...	...	2,06,63,500
	5,35,44,000	31,30,38,570	37,66,32,570					
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of issue			15,76,660					
TOTAL R			37,40,55,910	12,87,49,915	14,62,06,049	...	...	27,49,55,964
Deduct—Amount due on Bills drawn by one Circle on another								Nil.
								Net Total R
								27,49,55,964
Price paid for Government Securities of the nominal value of Rs. 1,20,81,500 held under Section 19 of the Indian Paper Currency Act, XX of 1882								9,09,99,946
								GRAND TOTAL R
								37,49,55,910

W. H. MICHAEL,

Head Commissioner of Paper Currency.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

- | | |
|-------------------|------------------------------|
| 1. Engineers. | 5. Press workers. |
| 2. Overseers. | 6. Photo-Mechanical workers. |
| 3. Sub-Overseers. | 7. Mechanical apprentices. |
| 4. Draftsmen. | 8. Metal and wood carvers. |

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. 6. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 11th August 1903.

LIABILITIES.				ASSETS.			
	R	a.	p.		R	a.	p.
Capital paid up	2,00,00,000			Government Securities	1,86,38,418	8	0
Reserve Fund	1,21,50,000	0	0	Other authorised Investments	39,48,529	0	0
Public Deposits at Head Office	73,66,343	12	5	Loans on Government and other authorised Securities	2,67,91,949	9	5
Public Deposits at Branches	1,03,46,973	7	1	Accounts of Credit on Govern- ment and other authorised Securities	1,68,06,502	5	4
Other Deposits at Head Office and Branches.	8,19,73,238	0	3	Bills discounted and purchased	1,78,66,835	9	6
Bank Post Bills, etc.	3,75,268	3	5	Balances with other Banks	13,14,826	15	4
Sundries	16,59,797	14	1	Bullion	1,263	9	7
				Dead Stock	18,10,470	15	4
				Stamps	12,094	2	7
				Sundries	10,77,747	3	2
					8,82,71,637	14	3
				Cash and Currency Notes at Head Office*	2,17,15,140	3	5
				Cash and Currency Notes at Branches†	2,38,77,843	3	7
RUPRES	13,38,64,621	5	3	RUPRES	13,38,64,621	5	3

* Includes Sovn. and † Sovn., value Rs. 1,31,235 0 0
Do. do. do. " 1,80,405 0 0
Rs. 3,11,640 0 0

BANK OF BENGAL,
Calcutta, 13th August 1903.

H. F. FRESHWATER,
Off. Chief Accountant.
Rate for Demand Loans 4 per cent.
Percentage 44.82.

By order of the Directors,
W. D. CRUICKSHANK,
Secretary and Treasurer

CALCUTTA UNIVERSITY.

NOTICE.

Mr. S. R. Dass, M.A., Barrister-at-Law, Tagore Law Professor for 1902-1903, will hold an examination on the subject of his lectures (the Law of *Ultra Vires*) at the Senate House, College Square, on Saturday, 29th August, at 11 A.M.

Candidates who have attended 75 per cent. of the lectures delivered by the Tagore Professor of Law are admissible to the examination.

K. C. BANURJI,
Offg. Registrar, Calcutta University.

SENATE HOUSE,
The 8th August 1903.

SURVEY OF INDIA.

NOTIFICATION.

Calcutta, the 3rd August 1903.

No. 289.—Mr. A. Descubes, Extra Assistant Superintendent, 5th grade, is granted privilege leave from 30th June to 17th July 1903 under Article 260, Civil Service Regulations.

ST. G. GORE, Colonel, R.E.,
Surveyor General of India

CHIEF COMMISSIONER OF BRITISH BALUCHISTAN.

ADDENDA.

Ziarat, the 5th August 1903.

No. 1504-Z.—The Hon'ble the Chief Commissioner of British Baluchistan is pleased to make the following further additions to the rules for the regulation of Stage Carriages published under this office Notification No. 6827, dated the 7th October 1902:—

(1) In Rule 10 below the last entry regarding rates of hire for intermediate places add the following:—

	Single journey.		Return journey.	
	R.	a.	R.	a.
Ziarat to Khowas	4	0	6	0
" Zandra	3	8	5	0
" Karbi Kach	3	0	4	8
" Fern Tangi	2	0	3	0
" Choter	7	0	12	0
" Ziarat on Choter road	2	0	3	0
" Lady Sandeman Tangi Camp	1	■	1	8
Kach to Wam	5	0	7	8

(2) Rule 10, *N.B.*—Give number (1) to the present note and add the following as (2):—

" With reference to return journeys for which less than Rs 5 is charged if a tonga is detained by the hirer more than an hour at any halting place after the expiration of this hour the rule regarding rates by hour fixed for Cantonment or Municipal limits will come into action and detention rates will be charged in addition to return fare." With reference to such journeys return fare + detention rates will in no case exceed Rs 5 paid for the day under rule 10.

(3) Add the following note to rule 11:—

NOTE.—"If a tonga is ordered at Ziarat or Kach for a journey likely to take one day, but is not taken, one day's halt will be charged."

By order,

C. B. WINTER, Captain,
Second Assistant.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA IN THE PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Mount Abu, the 3rd August 1903.

No. 3723-S.—The land designated below being required for a public purpose, declaration is made accordingly under section 6, Act I of 1894 (the Land Acquisition Act).

District.	Parganah.	Mauza.	Approximate area.	For which purpose.	Authority.
			A. R. P.		
Ajmer	Ajmer	Ajmer City.	0 0 1	Extension of octroi office.	The plan of the site may be seen in the office of the Assistant Commissioner, Ajmer.

This declaration is made under section 6, Act I of 1894 (the Land Acquisition Act), and under section 7 of that Act the Collector is hereby directed to take order of the acquisition of the land specified above.

G. G. WHITE, M.I.C.E.,
Secretary to Chief Commissioner, Ajmer-Merwara,
P. W. D.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER-MERWARA.

NOTIFICATION.

Mount Abu, the 7th August 1903.

No. 946—589-VI.—In exercise of the powers conferred by section 5 of the Opium Act, 1878 (1 of 1878), and with the previous sanction of the Governor General in Council, the Chief Commissioner of Ajmer-Merwara is pleased to direct that the following amendments shall be made in the rules published with his Notification No. 296—193, dated the 7th March 1901, namely:—

After the word "Punjab" in clause (3) of the proviso to rule 20 and in the proviso to rule 22 (1) of the said rules the following words shall be inserted, namely:—"or the North-West Frontier Province."

By order,

A. B. MINCHIN, Captain,
First Assistant to the Governor-General's Agent, Rajputana,
and Chief Commissioner, Ajmer-Merwara.

DIRECTOR OF RAILWAY TRAFFIC.

NOTIFICATION.

Simla, the 5th August 1903.

No. 31.—Mr. C. F. White, District Locomotive Superintendent in class II, grade 1, of the Superior Revenue Establishment of State Railways, has been granted by His Majesty's Secretary of State for India one month's furlough in continuation of the 12 months' leave referred to in Director of Railway Traffic's Notification No. 9, dated 26th February 1903.

G. F. WILSON, Colonel, R.E.,
Director of Railway Traffic.

DIRECTOR OF RAILWAY CONSTRUCTION.

NOTIFICATION.

Simla, the 11th August 1903.

No. 32.—Mr. J. H. Harford, Assistant Engineer, 1st grade, has been granted, by His Majesty's Secretary of State for India, leave on medical certificate for one month in extension of the six months' combined leave previously granted to him.

C. W. HODSON,
Director of Railway Construction.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.

NOTIFICATION.

Simla, the 10th August 1903.

No. 21.—The services of third class Military Assistant Surgeon E. S. Pushong, of the Indian Subordinate Medical Department, Bengal, are placed at the disposal of the Government of Bengal for civil employment.

B. FRANKLIN, Surgeon-General,
Director-General, Indian Medical Service.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 2nd Battalion, King's Royal Rifle Corps Regiment of Infantry, dated at Kuldana, this 7th day of August 1903.

<p>Number, Rank, and Name.—461. Private Arthur Howell. Age.—23 years and 286 days. Height.—5 feet 5 inches. Colour of—Complexion, fresh; hair, light brown; eyes, blue. Trade.—Mill hand. Date of enlistment.—25th October 1897. Place of enlistment.—Bradford, Yorkshire.</p>	<p>Parish and county in which born.—Leeds, Yorkshire. Date of desertion or absence.—3rd August 1903. Place of desertion or absence.—Kuldana. Marks.—Scar left side forehead. Anchor and cross flags and irregular tattoo marks left forearm. Dagger and cross swords and irregular tattoo marks right forearm. Under six years' service.</p>
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E. F. WARD, Capt., for Lieut.-Col.,
 Commanding 2nd Battalion, King's Royal Rifles.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
 CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 6th August 1903.

No. 171.—Captain T. A. Granger, I.M.S., assumed charge of the Civil Medical duties of the Hazara District on the afternoon of the 20th of July 1903, relieving Captain J. L. MacInnes, I.M.S.

LEAVE.

The 5th August 1903.

No. 170.—Lieutenant C. E. Bruce, I.A., Assistant Commissioner and Commandant, Border Military Police, Bannu, has obtained privilege leave of absence for three months, under Articles 250 and 260 of the Civil Service Regulations, with effect from the afternoon of the 7th July 1903.

The 7th August 1903.

No. 172.—Sahibzada Abdul Qaiyum, Khan Bahadur, Assistant Political Officer, Khyber, has obtained privilege leave of absence for two months, under Article 260 of the Civil Service Regulations, with effect from the afternoon of the 28th July 1903.

The 11th August 1903.

No. 174.—Mr. C. A. Barron, Settlement Officer, Kohat, has obtained privilege leave of absence for one month, under Article 260 of the Civil Service Regulations, with effect from the 1st August 1903, or such subsequent date as he may avail himself of it.

POWERS.

The 11th August 1903.

No. 173.—Under the provisions of section 32 (3) of the Code of Criminal Procedure, 1898, Lieutenant R. Garratt, Assistant Commissioner, Nowshera Sub-Division, and a Magistrate of the 2nd class, is invested with the power to pass sentences of whipping in the Peshawar District.

APPOINTMENT.

The 11th August 1903.

No. 175.—Lala Ganga Sahai, Extra Assistant Settlement Officer, Kohat, is placed in charge of the current duties of the office of the Settlement Officer, Kohat, in addition to his own, during the absence of Mr. Barron on leave, or until further orders.

By order,

F. W. JOHNSTON,

Offg. Secretary to the Chief Commissioner,
 N.-W. Frontier Province.

REVENUE COMMISSIONER—NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 3rd August 1903.

No. 1315-G.—In accordance with section 4 of Act VI of 1878, the Hon'ble the Chief Commissioner of the North-West Frontier Province hereby declares that it is proposed to constitute as a reserved forest the lands specified below.

The Deputy Commissioner, Peshawar, is appointed Forest Settlement Officer to enquire and determine the existence, nature and extent of any rights alleged to exist in or over such lands, or the forest produce thereof, and to deal with the same as provided in Chapter II, Act VII of 1878. The Revenue Commissioner, North-West Frontier Province, for the time being is appointed to hear appeals from the orders of the Forest Settlement Officer :—

No. of boundary pillar.	District.	Pargana.	Name of forest.	Boundaries.	Distance in feet.
1-2	Peshawar.	Nowshera.	A. R. P. Banda, Mohib and Kurvi Military Grass Rakh.—Area—295 1/20.	From pillar No. 1, the boundary runs in a southerly direction crossing a kattah to pillar No. 2.	40
2-3				From pillar No. 2, the boundary runs in a southerly direction to pillar No. 3.	397
3-4				From pillar No. 3, the boundary runs in a southerly direction to pillar No. 4.	263
4-5				From pillar No. 4, the boundary runs in a southerly direction crossing a kattah to pillar No. 5.	266
5-6				From pillar No. 5, the boundary runs in a southerly direction to pillar No. 6.	453
6-7				From pillar No. 6, the boundary runs in a southerly direction to pillar No. 7.	363
7-8				From pillar No. 7, the boundary runs in a southerly direction to pillar No. 8.	109
8-9				From pillar No. 8, the boundary runs in a southerly direction to pillar No. 9.	206
9-10				From pillar No. 9, the boundary runs in an easterly direction to pillar No. 10.	330
10-11				From pillar No. 10, the boundary runs in a southerly direction to pillar No. 11.	240
11-12				From pillar No. 11, the boundary runs in a southerly direction crossing a kattah to pillar No. 12.	18
12-13				From pillar No. 12, the boundary runs in an easterly direction to pillar No. 13.	550
13-14				From pillar No. 13, the boundary runs in an easterly direction to pillar No. 14.	215
14-15				From pillar No. 14, the boundary runs in an easterly direction to pillar No. 15.	748
15-16				From pillar No. 15, the boundary runs in an easterly direction to pillar No. 16.	292
16-17				From pillar No. 16, the boundary runs in an easterly direction to pillar No. 17.	300
17-18				From pillar No. 17, the boundary runs in an easterly direction to pillar No. 18.	150
18-19				From pillar No. 18, the boundary runs in an easterly direction to pillar No. 19.	756
19-20				From pillar No. 19, the boundary runs in an easterly direction to pillar No. 20.	804
20-21				From pillar No. 20, the boundary runs in an easterly direction to pillar No. 21.	979
21-22				From pillar No. 21, the boundary runs in an easterly direction to pillar No. 22.	886
22-23				From pillar No. 22, the boundary runs in an easterly direction to pillar No. 23.	733
23-24				From pillar No. 23, the boundary runs in a westerly direction crossing a kattah to pillar No. 24.	50
24-25				From pillar No. 24, the boundary runs in a westerly direction to pillar No. 25.	703
25-26				From pillar No. 25, the boundary runs in a westerly direction to pillar No. 26.	758
26-27				From pillar No. 26, the boundary runs in a westerly direction to pillar No. 27.	769
27-28				From pillar No. 27, the boundary runs in a westerly direction to pillar No. 28.	590
28-29				From pillar No. 28, the boundary runs in a westerly direction to pillar No. 29.	585
29-30				From pillar No. 29, the boundary runs in a westerly direction to pillar No. 30.	625
30-31				From pillar No. 30, the boundary runs in a westerly direction to pillar No. 31.	838

No. of boundary pillar.	District.	Pargana.	Name of forest.	Boundaries.	Distance in feet.
31-32	Peshawar.	Nowshera.	A. R. P. Banda, Mohib and Kurvi Military Gram Rakh. Area—395 1 20.	From pillar No. 31, the boundary runs in a westerly direction to pillar No. 32.	644
32-33				From pillar No. 32, the boundary runs in a westerly direction to pillar No. 33.	326
33-34				From pillar No. 33, the boundary runs in a northerly direction to pillar No. 34.	286
34-35				From pillar No. 34, the boundary runs in an easterly direction to pillar No. 35.	258
35-36				From pillar No. 35, the boundary runs in an easterly direction to pillar No. 36.	421
36-37				From pillar No. 36, the boundary runs in an easterly direction to pillar No. 37.	252
37-38				From pillar No. 37, the boundary runs in a northerly direction to pillar No. 38.	344
38-39				From pillar No. 38, the boundary runs in a northerly direction to pillar No. 39.	386
39-40				From pillar No. 39, the boundary runs in a westerly direction to pillar No. 40.	1,011
40-41				From pillar No. 40, the boundary runs in a westerly direction to pillar No. 41.	442
41-42				From pillar No. 41, the boundary runs in a westerly direction to pillar No. 42.	450
42-43				From pillar No. 42, the boundary runs in a westerly direction to pillar No. 43.	582
43-44				From pillar No. 43, the boundary runs in a westerly direction to pillar No. 44.	344
44-45				From pillar No. 44, the boundary runs in an easterly direction crossing a katiab to pillar No. 45.	407
45-46				From pillar No. 45, the boundary runs in an easterly direction to pillar No. 46.	432
46-47				From pillar No. 46, the boundary runs in an easterly direction to pillar No. 47.	356
47-48				From pillar No. 47, the boundary runs in an easterly direction to pillar No. 48.	584
48-49				From pillar No. 48, the boundary runs in an easterly direction to pillar No. 49.	338

The 12th August 1903.

No. 510-S.—In exercise of the powers conferred by section 65 of the Excise Act (XII of 1896) the Revenue Commissioner of the North-West Frontier Province is pleased to direct that for the form of wholesale vend of *charas* and *bhang* not in bond prescribed by clause (ii) of rule 12 of the rules published with Financial Commissioner, Punjab's Notification No. 20, dated the 10th February 1898, the following form shall be substituted:—

Form No. X.

Form of Wholesale (General) license referred to in rule 12 (ii).

License for wholesale vend of *charas* and *bhang* not in bond.

Register No.

Name and description of licensee.

Locality of his shop.

In consideration of the payment of a fee of Rs16, license is hereby granted to

son of

subject to the conditions hereinafter stated, to sell wholesale, during the currency of the financial year or of so much of it as still remains on the date of this

license, *charas* and *bhang* not in bond. The license is granted personally to and is not transferable.

In the event of the licensee dying during the currency of the license, it shall immediately lapse.

CONDITIONS OF THE LICENSE.

I.—The licensee is entitled to sell, under this license, either *charas* or *bhang* or both in the district and at the vend premises mentioned below, and not elsewhere:—

Name of district

Locality of vend premises

II.—The licensee under this license—

(a) may sell *bhang*—

to any person licensed to sell *bhang* wholesale or retail in the North-West Frontier Province, or to any person holding a permit authorising him to purchase *bhang* for removal into the Punjab;

(b) may sell *charas*—

to any person licensed to sell *charas* wholesale or retail in the North-West Frontier Province.

III.—The licensee shall not, under this license, sell *charas* other than that which has been released from bond after payment of the import duty due thereon, or *bhang* other than that on which duty has been paid of such kind and at such rates as the Local Government may impose in exercise of the powers conferred on it by section 13 of the Excise Act, 1896.

IV.—The licensee shall not sell under this license at one time to one person *charas* in less quantity than one *ser* or *bhang* in less quantity than five *seras*.

V.—(1) The licensee shall maintain* daily accounts of sales made by him under this license and of his balances in store in the following form:—

1	2	3	4	5	6	7	8
Month and date.	Balance of previous date.	TO-DAY'S RECEIPTS.		TOTAL.	TO-DAY'S SALES.		Balance in store at end of the day.
		Quantity.	Source of supply.		Quantity sold.	Name and description of purchaser.	

(2) He shall prepare and submit to the Collector of the district a monthly abstract of his receipts and sales under this license of *charas* and *bhang*.

VI.—The licensee shall on demand by any Excise Officer produce this license and his sale accounts for inspection by such officer.

VII.—The licensee shall comply with any rules made under the Excise Act, 1896, for the regulation of the import, transport, or sale of intoxicating drugs.

VIII.—In the event of the licensee infringing any of these conditions, he shall be liable to be deprived of his license at the Collector's discretion, in addition to any other penalty to which he may be liable under the penal provisions of the Excise Act, 1896.

IX.—On the termination of the period for which this license is granted or on the license being cancelled by the Collector as provided by condition VIII, the licensee shall forthwith surrender the license to the Collector.

Signature of Licensee.

Signature of Revenue Commissioner.

No. 511-S.—Under the authority vested in him by sub-rule (2) of rule 31 of the rules made by the Chief Commissioner of the North-West Frontier Province under sections 5 and 13 of the Opium Act, 1878 (1 of 1878), and published in Notification No. 509-S., dated the 12th August 1903, the Revenue Commissioner is pleased to direct that for the form of wholesale vend of pure opium and poppy-heads prescribed by the Financial Commissioner, Punjab, in his Notification No. 140, dated 28th May 1901, the following form shall be substituted.

Form of wholesale license referred to in Rule 31 (2).

License for wholesale vend of pure opium and poppy-heads.

Register No. _____

Name and description of licensee _____

Locality of his shop _____

In consideration of the payment of a fee of R _____, license is hereby granted to _____ son of _____, subject to the conditions hereinafter stated, to sell wholesale during the currency of the financial year _____, or of so much of it as still remains on the date of this license, pure opium and poppy-heads.

The license is granted personally to _____, and is not transferable.

In the event of the licensee dying during the currency of the license, it shall immediately lapse.

* Separate registers must be maintained for sales of *charas* and *bhang*.

XII.—Any pure opium or poppy-heads remaining unsold in the possession of the licensee on the expiry of the period for which his license is granted, or in the event of the license being withdrawn or revoked by the Deputy Commissioner, shall be disposed of in such manner as the Deputy Commissioner may in each case direct.

XIII.—On the termination of the period for which this license is granted or on the license being cancelled by the Collector as provided by Condition XI, the licensee shall forthwith surrender the license to the Deputy Commissioner.

Signature of licensee.

Signature of Deputy Commissioner.

M. F. O'DWYER,
Revenue Commissioner, North-West Frontier Province.

NOTICE.

Dated Peshawar, the 11th August 1903.

It is hereby notified that the combined Bannu and Dera Ismail Khan Horse Show for the year 1903-04, will be held at Dera Ismail Khan on the 5th and 6th March 1904, and the undermentioned amounts will be awarded in prizes:—

	R
From Imperial Fund	1,000
From Local and District Fund	1,330

A silver medal will also be awarded to the best branded mare or filly produced at the show.

By order,
RAHIM BAKHSH,
Personal Assistant to Revenue Commissioner,
N.-W. F. Province.

CHIEF COMMISSIONER—NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

Peshawar, the 12th August 1903.

No. 501-S.—In exercise of the power conferred by section 12, sub-section (2), clause (c) of the Excise Act, 1896 (XII of 1896), and in supersession of the Punjab Gazette Notification, No. 152, dated 30th August 1897, the Chief Commissioner of the North-West Frontier Province is pleased, with the previous sanction of the Governor General in Council, to prohibit the import of charas in respect of the whole of the territories administered by him otherwise than by the routes and under the conditions hereinafter specified, namely:—

ROUTES.

- (1) By the Gomal route, *via* Khajuri Kach, Murtiza and Manjhi to Dera Ismail Khan;
- (2) By route of the North-Western Railway from the Punjab.

CONDITIONS.

- (1) That the charas imported shall be in packages of not less than 10 sérs in weight each and of the form regularly used and recognised by the trade;
- (2) That the person importing the charas, or causing it to be imported, shall have obtained an import pass or a transport-in-bond pass from the proper officer in the manner provided by the rules made under section 19 of the Excise Act, 1896, in that behalf;
- (3) That all charas imported under the preceding clause shall be held to be in bond and shall be conveyed forthwith to the bonded warehouse for intoxicating drugs specified for such charas by rule III of the rules published with the Chief Commissioner's Notification, No. 502-S., of this date, or otherwise as is prescribed by such rule;

- (4) That no package of charas imported shall be opened or broken in bulk on its way to the bonded warehouse; and
- (5) That the person importing the charas or causing it to be imported shall comply with the further conditions and requirements of the Excise Act, 1896, or of the rules made under section 19 thereof.

No. 502-S.—In exercise of the powers conferred by section 19 of the Excise Act, 1896 (XII of 1896), and in supersession of the Punjab Gazette Notification No. 155, dated 30th August 1897, the Chief Commissioner of the North-West Frontier Province is pleased, with the previous sanction of the Governor General in Council, to make the following rules:—

PART I.

Rules regulating the import of charas into the territories administered by the Chief Commissioner of the North-West Frontier Province.

I.—(1) In the case of charas to be imported by the Gomal route, or any other route which may at any time hereafter be authorised for the import of charas from foreign territory, the import pass required under the second condition prescribed in the Notification of the Chief Commissioner, No. 501-S., dated 12th August 1903, shall be granted by the Collector of the district into which the charas is to be first brought on crossing the border into British territory in the North-West Frontier Province;

Provided that import passes may also be granted, in the case of charas imported from foreign territory by any authorised route, by any other officer duly empowered by the Chief Commissioner in that behalf.

(2) In the case of charas to be imported by route of the North-Western Railway from the Punjab, application for the transport-in-bond pass required under the second condition prescribed in the said Notification of the Chief Commissioner, No. 501-S., dated 12th August 1903, shall be made to the officer in charge of the Punjab bonded warehouse from which the charas is to be imported.

II.—(1) Every import pass granted under the Notification of the Chief Commissioner No. 501-S. of this date, and these rules shall be in duplicate and shall contain the following particulars, namely:—

- (1) the serial register number of the import pass and date of issue;
- (2) the name of the person in charge of the consignment of charas covered by the pass and the name of the owner thereof;
- (3) the number of packages and their gross weight;
- (4) the route by which the consignment of charas covered by the import pass is to be conveyed;
- (5) the name and locality of the bonded warehouse to which the charas is consigned;
- (6) the date of issue of the pass and limit of time for which it is to remain in force; and
- (7) the signature and full official designation of the officer issuing the pass and the name of the place at which the import pass is granted.

(2) One copy of every import pass shall be given to the person in charge of the consignment or to the person intending to import the charas, the other copy being retained in the office of the officer granting it.

(3) Every transport-in-bond pass for the purposes of export into the North-West Frontier Province granted by an officer in charge of a bonded warehouse in the Punjab, in accordance with the rules for the time being in force in the Punjab to regulate the grant of such passes shall be sufficient authority for the import of the charas described in such pass into the North-West Frontier Province, and for the transport of it to the district of the North-West Frontier Province named in such pass as the district of destination.

III.—(1) Charas imported by the Gomal route shall be taken direct to the bonded warehouse at Dera Ismail Khan.

(2) Charas imported by any other authorised route shall be taken direct to the headquarters or tahsil office, whichever is nearest, of the district into which the charas is first brought from across the border under the import pass, and shall be forwarded on from there to the nearest bonded warehouse under cover of a transport-in-bond pass granted by an officer authorised to issue such passes.

The transport-in-bond pass required under this sub-rule shall be granted in accordance with the rules for the time being in force under section 20 of the Excise Act, 1896 (XII of 1896).

(3) Charas imported by route of the North-Western Railway from the Punjab shall be taken direct to the bonded warehouse of the district named as the district of destination in the transport-in-bond pass under cover of which it is imported.

PART II.

Rules regulating the management of, and control over, bonded warehouses for intoxicating drugs.

IV.—Every bonded warehouse for intoxicating drugs established under the Notification of the Chief Commissioner, No. 503-S., of this date shall be under the immediate control of the Collector in whose district it is situate, and under the general control of the Revenue Commissioner.

V.—The Revenue Commissioner may appoint an officer to be in charge of each bonded warehouse so established and such other establishment as may be necessary.

VI.—The officer in charge of a bonded warehouse and the members of his establishment, respectively, shall discharge the duties required of them by these rules and such other duties (consistent with the Excise Act, 1896, and these rules) as the Revenue Commissioner may, from time to time, by directions given in that behalf, require.

VII.—Every officer in charge of a bonded warehouse (hereinafter referred to as "the officer in charge") shall maintain or cause to be maintained under his orders a daily register and a personal register of deposits and removals of charas; and such other registers, accounts, statements and records of charas deposited in the bonded warehouse as the Revenue Commissioner may, from time to time, prescribe.

VIII.—The daily register of deposits and removals shall show the total number of packages deposited or removed each day and their total weight. It shall be written up daily as may be required in the form attached to these rules and marked Form No. I.

IX.—(1) The personal register of deposits and removals shall show the name and residence of the person in charge of the registered charas, hereinafter known as "the depositor"; the registered number and weight of each package deposited or removed; the date of deposit or removal; and the number and date of pass under which the charas was brought to, or removed from, the bonded warehouse.

(2) The personal register shall be written up under the supervision of the officer in charge in the form attached to these rules and marked Form No. II, the entries therein being made at the time when any charas is deposited in, or removed from, the bonded warehouse in accordance with these rules.

PART III.

Rules regulating the reception of intoxicating drugs into bonded warehouses, their custody when stored therein, and their removal therefrom.

X.—On the arrival of any charas at a bonded warehouse, under the provisions of these rules, the depositor shall deliver up to the officer in charge the import or transport-in-bond pass, in the case may be, together with all charas in his possession, for the purpose of its being examined, weighed and registered.

XI.—Charas brought to a bonded warehouse either on its first import into the Punjab or on its transfer in bond from another bonded warehouse in the manner provided in section 17 of the Excise Act, 1896, shall forthwith be taken over by the warehouse officials, and shall, under the supervision of the officer in charge, be examined, weighed, and registered in the personal register maintained under rule IX (1). The outer covering shall at the same time be plainly marked in red ink with—

- (1) the gross weight of the package;
- (2) its registered number;
- (3) the name of the depositor; and
- (4) the date of arrival.

XII.—Charas registered in a bonded warehouse, as provided by rule XI, shall either be stored in such bonded warehouse in manner hereinafter provided or may be removed, either in bond or out of bond, in accordance with the rules applicable to such removal, but not otherwise.

XIII.—No package of charas shall be opened or broken in bulk in the bonded warehouse, but incisions not more than two inches long may be made in the case containing the charas for the purpose of taking out enough to show purchasers the quality of charas contained therein.

XIV.—Storage in a bonded warehouse shall be made under lock and key in such manner that no person can have access thereto without permission of the officer in charge.

XV.—(1) On charas being stored in a bonded warehouse the depositor thereof shall be furnished by the officer in charge with a pass-book free of charge in which each consignment stored shall be entered separately, package by package, with the date of each arrival. The form of the pass-book is annexed to these rules and marked Form No. III.

(2) Before supplying any depositor with a pass-book under this rule, the officer in charge shall record therein in full the name and description of the depositor to whom it is to be supplied.

(3) On satisfactory proof of the loss of a pass-book a duplicate may be issued by the officer in charge on payment of a fee of Rs. 1.

XVI.—(1) When any charas is removed from the warehouse in which it has been stored, the number of packages removed, their gross weight and the date of their removal shall be recorded in the depositor's pass-book.*

(2) All entries in the pass-book shall at the time of storage or removal be attested by the signature of the officer in charge of the bonded warehouse.

XVII.—(1) Charas admitted into, and registered in, a bonded warehouse may be removed therefrom as provided below, but not otherwise, namely:—

(a) without payment of duty, under a transport-in-bond pass authorising removal in bond of the charas described therein; or

(b) after payment of duty, under a transport pass authorising removal of the charas described therein to the vend premises of a person licensed to sell charas.

(2) The transport-in-bond and transport passes required under this rule shall be granted in accordance with the rules for the time being in force under section 20 of the Excise Act, 1896 (XII of 1896), to regulate the grant of passes under that section.

XVIII.—All removals of charas from a bonded warehouse, whether in bond or out of bond, shall be recorded at the time of removal in the personal register of deposits and removals, and in such other registers as may be maintained for such record in the bonded warehouse, with the sanction of the Revenue Commissioner.

XIX.—The officer in charge shall not permit any charas to be removed from the bonded warehouse until the warehouse dues payable thereon, at the rates fixed by the Revenue Commissioner in accordance with the provisions of section 15, sub-section (1), of the Excise Act, 1896, have been realized and credited in the Government Treasury.

XX.—Charas shall be received into, stored in, and removed from, bonded warehouses at the risk and expense of the depositor or owner.

PART IV.

Rules for the conduct of depositors of charas in bonded warehouses.

XXI.—No depositor of charas shall enter, or remain in, or do any act within, the precincts of a bonded warehouse contrary to any orders which may be issued by the Revenue Commissioner in that behalf.

XXII.—A depositor shall produce the pass-book prescribed in rule XV whenever any fresh consignment of his is deposited in the bonded warehouse, or whenever any charas recorded in the pass-book is removed, or whenever the officer in charge demands the production of the pass-book.

XXIII.—(1) No depositor shall transfer his pass-book to the possession of another otherwise than with the permission of the officer in charge, who shall attest the fact of such transfer and note in the pass-book the circumstances under which the transfer was made.

(2) A depositor shall not alter or manipulate in any way the entries in his pass-book.

XXIV.—When the stock of charas entered in any depositor's pass book is exhausted, the depositor shall forthwith deliver up his pass-book to the officer in charge.

PART V.

Rules regulating the time, place and manner of the payment of the duties imposed on charas imported into the North-West Frontier Province by the Notification of the Chief Commissioner, No. 504-S., dated 12th August 1903.

XXV.—The duty on charas imposed by the Notification of the Chief Commissioner, No. 504-S., dated 12th August 1903, shall be paid when the charas is removed from a bonded warehouse under a transport pass as permitted by rule XVII, sub-rule (2).

XXVI.—Payment of the duty shall be made at the Head-quarters Treasury of the district in which is situate the bonded warehouse from which the charas is to be removed or, in the case of charas removed for consumption in the North-West Frontier Province, of the district to which the charas after removal from bond is to be transported.

XXVII.—Payment of duty on charas shall not be accepted at any Treasury unless the tender of such duty is accompanied by a certificate from the officer of the bonded warehouse wherein the charas is stored:—

(1) as to the quantity of charas to be removed and the amount of duty payable thereon;

(2) that the charas on which duty is being tendered is to be removed from the bonded warehouse for transport to the vend premises of a person licensed to sell charas in the North-West Frontier Province.

* N.B.—As no charas can be withdrawn without the production of the pass-book, Government accepts no responsibility for any loss caused to depositors, should any unauthorised person obtain possession of the book and thereby fraudulently procure delivery of charas.

XXVIII.—The officer in charge of the Treasury, if he is satisfied that the certificate presented with the tender of duty fulfils the requirements of the foregoing rule, and that the sum tendered is the full duty leviable on the charas to be removed from the bonded warehouse, shall accept payment of the duty and shall return the certificate with a Treasurer's receipt for the duty paid.

PART VI.

Rules regulating the transport of charas in quantity greater than five tolas from vend premises in the North-West Frontier Province to which it has been conveyed from a bonded warehouse in accordance with the provisions of rule XVII, sub-rule (2) of these rules.

XXIX.—Charas shall not be transported in quantity greater than five tolas from one shop for retail vend to another unless the two shops are situate within the limits of the same farm of monopoly of vend.

XXX.—Charas may be transported in quantity greater than five tolas from the vend premises of a person licensed to sell charas wholesale in the North-West Frontier Province to the premises of a person licensed to sell charas wholesale or retail in the North-West Frontier Province—

(a) without a transport pass if the vend premises from which the charas is being transported and those to which the charas is being transported are within the limits of the same district ;

(b) otherwise under cover of a transport pass granted in accordance with the rules made by the Revenue Commissioner under section 20 of the Excise Act, 1896.

Form No. I.

Daily register of deposits and removals of charas maintained in the bonded warehouse of _____

1 Date of deposit or removal of charas.	2 Name and residence of the person by whom the charas is deposited or removed.	3 DEPOSITED.		4 REMOVED.		5 Signature of Officer in charge.
		Number of packages.	Total weight of packages.	Number of packages.	Total weight of packages.	
			Mds. Sérs.		Mds. Sérs.	

Form No. II.

Personal register of deposits and removals of charas maintained in the bonded warehouse of _____

Name and parentage of depositor _____

Address of depositor and nature of his vend license (if any) _____

1	2	3	4	5	6	7	8	9	10
Date of deposit.	Number and date of pass under which consignment was brought to the bonded warehouse.	Registered number of packages.	Registered weight of package.	Signature of officer in charge.	Number and date of pass granted for removal.	Place of destination entered in the pass.	Last ascertained weight before removal.	Duty paid (if any).	Signature of Officer in charge.

Form No. III.

Pass-book of charas deposited in the warehouse of _____

Name and parentage of depositor _____

Place of residence _____

Register number of package.	Registered weight of package.	Date of deposit.	Initials of Officer in charge.	Date of removal.	Initials of Officer in charge.

No. 503-S.—In exercise of the powers conferred by section 14, clause (a), of the Excise Act, 1896 (XII of 1896), and with the previous sanction of the Governor General in Council, the Chief Commissioner of the North-West Frontier Province is pleased, in supersession on the Punjab Gazette Notification No. 153, dated the 30th August 1897, to establish bonded warehouses for the storage of intoxicating drugs at the following places, namely:—

- (i) Abottabad,
- (ii) Peshawar,
- (iii) Kohat,
- (iv) Bannu,
- (v) Dera Ismail Khan.

No. 504-S.—In exercise of the powers conferred by section 13, clause (b), of the Excise Act (XII of 1895), and with the previous sanction of the Governor General in Council, the Chief Commissioner of the North-West Frontier Province is pleased, in supersession of the Punjab Government Notification No. 3, dated 7th January 1897, to impose a duty of Rs 2 a sér on all charas imported into the North-West Frontier Province, with effect from the date of this notification.

No. 505-S.—In exercise of the powers conferred by section 14, clause (b), of the Excise Act, 1896 (XII of 1896), and with the previous sanction of the Governor General in Council, the Chief Commissioner of the North-West Frontier Province is pleased, in supersession of the Punjab Gazette Notification No. 154, dated the 30th August 1897, to direct that the levy of the import duty payable under his Notification No. 504-S., dated 12th August 1903, shall, in the case of charas imported and stored in a bonded warehouse, be postponed until the removal of such charas from the bonded warehouse as provided by rule XXV of the rules published with his Notification No. 502-S. of this date.

No. 506-S.—In exercise of the powers conferred by sub-section (2) of section 12 of the Excise Act, 1896 (XII of 1896); and in supersession of the Punjab Gazette Notification No. 1, dated 3rd January 1901, the Chief Commissioner of the North-West Frontier Province is pleased, with the previous sanction of the Governor General in Council, to prohibit—

- (1) except under, and subject to the conditions of, a license granted by the Collector or an Assistant Collector in accordance with the provisions of the rules made under section 19 of the Excise Act, 1896, the cultivation of the hemp plant and the production or preparation of intoxicating drugs from the hemp plant so cultivated, within the limits of the districts hereinafter specified:—

Districts—

Kohat,

Bannu,

Dera Ismail Khan: .

Provided that no such license for the cultivation of the hemp plant and the production or preparation of intoxicating drugs from the hemp plant so cultivated, within the limits of any of the said districts, shall be granted to any person other than to the manager or head of the time being of a temple dharamsala or similar religious institution in connection with which such cultivation

has hitherto been usual, and then only subject to the following conditions, namely:—

- (a) that cultivation shall be limited to an area of land sufficient to grow enough of the hemp plant for the purpose specified in the condition next following and such area shall not, in any case, without the sanction of the Revenue Commissioner, exceed one-quarter of an acre;
- (b) that intoxicating drugs produced or prepared from the hemp plant so cultivated shall not be used for any purpose other than for consumption by the licensee and the members of his household, and the attendants of, or visitors to, the temple, dharamsala or other institution of which he is the manager or head, and shall not be sold;
- (2) the import of ganja into the North-West Frontier Province.
- (3) the import and transport of bhang otherwise than from the places specified and under the conditions as regards routes prescribed in the rules made under section 19 of the Excise Act, 1896, and published in Notification No. 508-S. of this date.

2. The Chief Commissioner is further pleased to direct that the cultivation of the hemp plant and the production or preparation of intoxicating drugs from the hemp plant so cultivated, and the storage thereof, shall be placed under the supervision prescribed in the rules made under section 19 of the Excise Act, 1896, and published in Notification No. 508-S. of this date.

No. 507-S.—In exercise of the powers conferred by section 13 of the Excise Act, 1896 (XII of 1896), and in supersession of the Punjab Gazette Notification No. 2, dated 3rd January 1901, the Chief Commissioner of the North-West Frontier Province is pleased, with the previous sanction of the Governor General in Council, to impose, with effect from the date of this notification, a duty at the rate of rupees four per maund on all bhang—

- (a) imported into the North-West Frontier Province;
- (b) transported from any one place situate in the North-West Frontier Province to any other place so situate, for the purpose of being exported to any place situate beyond the limits of the North-West Frontier Province; and
- (c) transported from any place situate in any one district to any place situate in any other district of the North-West Frontier Province:

Provided that no duty shall be levied in respect of any bhang so transported merely for the purpose of being exported from any place situate in the North-West Frontier Province to any place situate in any other Province or part of British India under bond for payment of the import duty leviable for the time being in that Province or part of British India.

2. The Chief Commissioner of the North-West Frontier Province is further pleased to direct—

- (1) that the import and transport duties leviable at the rates hereinbefore specified shall be calculated on the gross weight of each parcel or package of bhang imported or transported, as the case may be;
- (2) that the duty leviable at the rates hereinbefore specified on the transport of bhang shall not be leviable on bhang in respect of which import duty is levied, when the import and transport of the bhang are effected in the course of the same journey, or as part of the same or of a continuing business transaction; and
- (3) that the import and transport duties, respectively, shall be subject to a minimum charge of rupee one per quarter maund or less of bhang.

No. 508-S.—In exercise of the powers conferred by section 19 of the Excise Act, 1896 (XII of 1896), and in supersession of the Punjab Gazette Notification No. 3, dated 3rd January 1901, the Chief Commissioner of the North-West Frontier Province is pleased, with the previous sanction of the Governor General in Council, to make the following rules for the purpose of carrying into effect certain of the provisions of section 12 of the same Act:—

PART I.

CULTIVATION OF THE HEMP PLANT.

Rules made by the Chief Commissioner, with the previous sanction of the Governor General in Council under section 19 of the Excise Act, 1896, regulating the grant of licenses for, and the supervision to be exercised over, the cultivation of the hemp plant and the production or preparation of intoxicating drugs from the hemp plant.

Extent of application and definitions.

1. These rules shall apply only to districts or portions of districts in the North-West Frontier Province in respect of which the cultivation of the hemp plant and the production

or preparation of intoxicating drugs from the hemp plant so cultivated, except under, and subject to the conditions of, a license granted under these rules, is prohibited by notification issued under the powers conferred by section 12 of the Excise Act, 1896.

2. In these rules, unless a contrary intention appear from the subject or context,—

- (a) "special license" means a license granted under the provisions of Notification No. 506-S. of this date to the manager or head of a temple, dharamsala or similar religious institution ;
- (b) the expression "Officer in charge of Excise Revenue" means the officer appointed by the Collector of a district to hold charge, and for the time being in charge, of the excise administration of a district, or part of a district, under the control of such Collector.

Grant of special licenses.

3. (1) Any person desiring to cultivate the hemp plant may apply to the Collector or Assistant Collector for a special license for the purpose.

(2) Subject to the provisions of rule 4, the Collector may, in his discretion, by order in writing, either grant, or refuse to grant, any application made under this rule.

4. Special licenses may be granted subject to the following conditions, but not otherwise, namely:—

- (a) that the applicant is the head or manager for the time being of a temple, dharamsala or similar religious institution ;
- (b) that the land on which the applicant proposes to cultivate the hemp plant is attached or belongs to the temple, dharamsala or other religious institution of which he is the head ;
- (c) that, except where the Revenue Commissioner has sanctioned a larger area, the area of land on which the cultivation of the hemp plant is permitted by the special license does not exceed one quarter of an acre ;
- (d) that intoxicating drugs produced or prepared from the hemp plant cultivated under such special license shall not be used for any purpose other than for consumption by the applicant and the members of his household, and the attendants of, and visitors to, the temple, dharamsala or religious institution of which the applicant is the manager or head ; and
- (e) that neither the hemp plant so cultivated nor any intoxicating drug produced or prepared therefrom, or any portion thereof, shall be bartered or sold.

Expiry of term of special license.

5. (1) A special license granted under these rules shall continue in force until either—

- (a) the holder becomes insane or dies ; or
- (b) the holder relinquishes charge, or is removed from the charge, of the temple, dharamsala or similar religious institution in respect of which it was granted ; or
- (c) it is revoked by the Collector.

(2) The Collector may at any time revoke any special license for breach of its conditions or any other sufficient reason.

PART II.

IMPORT OF BHANG.

Rules made by the Chief Commissioner, with the previous sanction of the Governor General in Council, under section 19 of the Excise Act, 1896, regulating the import of bhang and payment of duty thereon.

Import whence permissible.

1. (1) Bhang produced (a) in foreign territory situate to the west of the Indus, or in Kashmir, or (b) in the Punjab may be imported into the North-West Frontier Province by any person holding a license to sell bhang wholesale or retail in the North-West Frontier Province.

(2) Provided that such bhang shall be imported—

- (a) in quantities of not less than one maund at a time ;
- (b) under cover of an import pass or, in the case of imports from the Punjab, of a transport-in-bond pass obtained in manner hereinafter provided ; and
- (c) subject to the payment of such duty as may from time to time be imposed on the import of bhang under the provisions of section 13 of the Excise Act, 1896.

Application for import pass.

2. (1) Any person licensed to sell bhang in the North-West Frontier Province who requires a pass for the import of bhang from any of the territories from which import is under clause (a) of sub-rule (1) of the preceding rule admissible, may apply for an import pass to the Collector of the district into which the bhang which he intends to import is on first reaching British India to be brought.

(2) The applications shall be accompanied by a certificate from the Collector or officer in charge of the Excise Revenue of the district in which the applicant holds his license to sell bhang, stating that he has permission to bring the bhang which he proposes to import into such district, and shall also specify the place from, and the route by, which the bhang is to be brought.

(3) The Collector or officer in charge of the Excise Revenue may, in his discretion, by order in writing, either grant, or refuse to grant, any application made for an import pass.

Form and particulars of import pass.

3. Every import pass shall be granted for import from a place and by a route therein specified, subject to the following conditions:—

- (a) all bhang imported under an import pass shall, on being brought into the North-West Frontier Province, be taken by the person in charge thereof, with bulk unbroken, direct to the office of such officer as is specified in the pass;
- (b) on arrival at such office, the bhang, together with the import pass, shall be delivered to the officer named in that behalf in such import pass;
- (c) the bhang shall not be returned to the importer thereof until the duty leviable thereon at the rate imposed under clause (c) of the proviso to rule 1 has been paid into the treasury, and a treasury receipt for the same produced;
- (d) after such import duty has been paid thereon, the bhang shall not be removed from the place at which the duty was so paid, otherwise than in accordance with the rules regulating, and subject to payment of the duty leviable in respect of, the transport of bhang within the North-West Frontier Province;

Provided that when the import and transport of the bhang are effected in the course of the same journey, or as part of the same or of a continuing business transaction, the transport pass, for the transport from the district in which it first entered British territory to another district of the North-West Frontier Province, of the bhang which has been imported, shall be granted without the levy of any transport duty in addition to the import duty paid in respect thereof.

PART III.

TRANSPORT OF BHANG.

Rules made by the Chief Commissioner, with the previous sanction of the Governor-General in Council, under section 19 of the Excise Act, 1896, regulating the transport of bhang and payment of duty thereon.

1. (1) Bhang may be transported from any place situate within the limits of any one district of the North-West Frontier Province to any place situate within the limits of any other district of the North-West Frontier Province, whether for the purpose of being sold in the district to which it is so transported or of being exported thence to any other Province or part of British India, provided—

- (a) that the quantity of bhang transported at any one time shall not be less than one maund;
- (b) that the transporter is a person holding a license for the wholesale or retail vend of bhang in the North-West Frontier Province or a person holding a permit from the proper officer of any other part of British India authorising him to import bhang from the North-West Frontier Province into such part of British India;
- (c) that the transporter has obtained a transport pass or a transport-in bond pass, as the case may be, authorising the transport of the bhang described therein, by a specified route, to the vend premises of a person licensed to sell bhang wholesale or retail in the North-West Frontier Province, or to any place for the purpose of export to any other Province or part of British India;
- (d) that such transport duty (if any) as may from time to time be imposed on the transport of bhang under section 13 of the Excise Act, 1896, shall have been duly paid.

(2) Any licensed vendor of bhang in the North-West Frontier Province, holding a permit from the Collector of the district in which he is licensed to sell bhang to bring bhang into such district, may apply to the Collector of the district from which he wishes to transport bhang for a transport pass, and the Collector of such district may, after levying the duty payable, grant such transport pass.

(3) Any person holding a permit from the proper officer of a part of British India other than the North-West Frontier Province, wishing to transport bhang from a district of the North-West Frontier Province for purposes of export to such other part of British India, may apply to the Collector of such district for a transport-in-bond pass to authorise him to transport bhang under bond for payment of the import duty leviable for the time being in such other part of British India, and the Collector of such district may, in his discretion, either grant or refuse to grant such transport-in-bond pass.

2. Bhang may be removed in quantities greater than one seer, but subject always to the conditions of the license, from the vend premises of any one person licensed to sell bhang wholesale or retail in the North-West Frontier Province to the premises of any other person licensed to sell bhang wholesale or retail in the North-West Frontier Province without a transport pass: provided that the vend premises from which the bhang is being removed, and those to which bhang is being removed, are both situate within the limits of the same district.

3. (1) No pass for the transport of bhang shall be granted under sub-rule (2) or sub-rule (3) of rule 1 until—

(a) the bhang for the transport of which a pass is desired has been produced at the office of the Collector or of an officer authorised by the Collector to grant such passes, and has been delivered to the Collector, or such authorised officer for the purposes of weighment and calculation of duty; and

(b) the duty payable as ascertained by the weighment has been paid:

Provided that when a transport-in-bond pass is being applied for, and the Collector or such authorised officer decides to grant a transport-in-bond pass, payment of the duty ascertained by the weighment shall not be demanded:—

2. Every pass granted under sub-rule (2) or sub-rule (3) of rule 1 shall prescribe a route to be followed by the consignment covered by the pass, and shall be issued subject to the following conditions:—

(a) The packages of bhang covered by the pass shall not be opened, nor shall bulk be broken during transit;

(b) The packages of bhang shall be taken direct to the office of destination named in the pass, or if no such office be named, then to the head-quarters office of the district of destination named in the pass, and shall there be handed over along with the copy of the pass in the possession of the transporter, to the officer in charge of such office.

No. 509-S.—In exercise of the powers conferred by sections 5 and 13 of the Opium Act, 1878 (1 of 1878), and with the previous sanction of the Governor General in Council, the Chief Commissioner of the North-West Frontier Province is pleased to make the following rules in supersession of those published with Punjab Government Notification No. 232, dated 15th December 1900, and to direct that they shall have effect from the 12th August 1903.

These rules shall, except as in any case expressly stated to the contrary, apply to all the territories for the time being administered by the Chief Commissioner of the North-West Frontier Province.

RULES.

(a) Definitions.

1. In these rules, unless there is anything repugnant in the subject or context,—

(a) the expression "India" includes British India and all the territories of every Native Prince or Chief under the suzerainty of His Majesty exercised through the Government of India or any Government or officer subordinate thereto, and the French and Portuguese Settlements enclosed within British Indian territory, or bordering on the Arabian Sea (east of Karachi) or on the Bay of Bengal;

(b) the expression "North-West Frontier Province" means the territories for the time being administered by the Chief Commissioner of the North-West Frontier Province;

(c) the expression "tola" means a weight of 180 grains troy;

(d) the expression "seer" means a weight of 80 tolas;

(e) the expression "pure opium" means the inspissated juice of the poppy and includes poppy-heads from which the juice has not been extracted;

(f) the expression "opium" includes also poppy-heads, preparations or admixtures of opium and intoxicating drugs prepared from the poppy;

(g) the expression "poppy-heads" means the capsules of the poppy plant from which the juice has been extracted;

- (h) the expression "retail sale" means the sale at any one transaction of pure opium in any quantity not exceeding three tolas, and of poppy-heads in any quantity not exceeding two sérs;
- (i) the expression "wholesale" means the sale at any one transaction of pure opium in any quantity not less than one sér, and of poppy-heads in any quantity not less than five sérs;
- (j) the expression "farmer" means a person to whom the exclusive right has been granted of selling pure opium or poppy-heads, by retail only, within the limits of any specified local area;
- (k) the expression "medical practitioner" includes any person who dispenses or keeps a shop for the sale of drugs intended for use as medicine;
- (l) the expression "Malwa opium" means pure opium manufactured from the poppy plant grown in the Native States within the Rajputana and Central India Agencies and in the territories for the time being under the administration of the Chief Commissioner of Ajmer-Merwara;
- (m) the expression "Civil Surgeon" means the Civil Surgeon or other Principal Medical Officer of a district;
- (n) the expression "Officer in charge of Excise Revenue" means the officer appointed by the Deputy Commissioner of a district to hold charge, and for the time being in charge, of the excise administration of a district, or part of a district, under the control of such Deputy Commissioner;
- (o) the expression "Excise Officer" means and includes every officer appointed by the Deputy Commissioner by name or in virtue of his office to be an officer for the collection of the Excise Revenue and for the prevention of offences against the Opium Act, 1878, or the rules made thereunder, and for the time being holding office as such within the limits of any district or part of a district; and
- (p) the expression "license-holder" includes any person holding a sub-license granted under any of the provisions of these rules.

(b) Manufacture.

2 (1) Opium, other than preparations or admixtures of opium used for smoking, may be manufactured by any officer of Government who in the course of his official duty or for the purposes of such duty is required to manufacture the same.

(2) Opium, other than pure opium and preparations or admixtures of opium used for smoking, may be manufactured by any medical practitioner who has obtained a license to sell opium for medical purposes.

(3) Subject to the limitations as to quantity prescribed in the rules relating to the possession of opium, any person may, without a license, manufacture for his own domestic use, but not for any other purpose, either—

(a) preparations or admixtures of pure opium; or

(b) decoctions from poppy-heads:

Provided that the pure opium or poppy-heads used in such manufacture under any of the provisions of this rule has or have in every case been obtained from a person licensed to sell opium retail in the North-West Frontier Province.

(c) Possession of Opium.

3. Any person may, without a license at any one time, possess:—

(a) poppy-heads not exceeding two sérs; or

(b) preparations or admixtures of opium used for smoking in not greater quantity than one tola; or

(c) decoctions from poppy-heads in not greater quantity than three tolas; or

(d) pure opium, not exceeding three tolas; or

(e) preparations or admixtures of pure opium other than those used for smoking, not exceeding three tolas; or

(f) any combination of (b), (c), (d) and (e) or any of them not exceeding in the aggregate three tolas; provided that in no case shall the quantity of the preparations mentioned in (b) exceed one tola:

Provided that the opium or poppy-heads shall have been manufactured, imported or purchased in a manner authorised by these rules.

4. Subject to the conditions of his license a person licensed to sell opium wholesale or retail may possess any quantity of pure opium and poppy-heads which has been either:—

(a) imported by him, or under his authority, in accordance with the rules hereinafter prescribed for the importation of opium; or

(b) purchased by him, or under his authority, from a person licensed to sell opium wholesale in the North-West Frontier Province or in the Punjab, or

(c) purchased by him, or under his authority, from the Government or, with the consent of the Deputy Commissioner, from any person other than a person specified in the preceding clause.

5. Subject to the conditions of his license, a medical practitioner who has, in manner hereinafter provided, obtain a license to sell opium for medical purposes, may possess opium, other than preparations or admixtures of opium used for smoking, in quantity not exceeding that specified in his license.

6. A person who has, in manner hereinafter provided, obtained a pass for the transport, import or export of opium may, subject to the conditions of such pass, possess opium, other than preparations or admixtures of opium used for smoking, in quantity not exceeding that specified in the pass.

7. Any visitor of distinction from beyond the borders of India or from Kashmir or from the territory west of the Indus beyond the frontier of the North-West Frontier Province may, during the period of his temporary sojourn in the North-West Frontier Province, possess, for the personal use of himself and his attendants and followers, opium produced out of India or in Kashmir or in such trans-frontier territory, as the case may be :

Provided that such opium be imported under a special permit granted in manner hereinafter provided (rule 20), and that the quantity of such opium does not exceed two sérs in the aggregate.

8. A horse-dealer, not being a British subject, who imports horses into the North-West Frontier Province from any country beyond the limits of British India, may, during the period of his temporary sojourn in the North-West Frontier Province, possess, for the use of his horses, pure opium produced or manufactured out of British India not exceeding in weight one tola in respect of each horse which he has so imported, and which is for the time being in his possession, in addition to the quantity of such opium which may lawfully be possessed by himself for his own consumption.

9. Any Officer of Government may, as such, possess opium which has come into his possession in the course of his official duties :

Provided that he shall dispose of such opium in such manner as may be directed by his superior officer or required by the rules made or instructions given by Government in that behalf.

(d) Transport of Opium within the North-West Frontier Province.

10. Subject to the provisions of the following rules, any person may transport opium in any quantity which he may, under the rules regulating the possession thereof, lawfully possess.

11. Opium may be transported by—

(a) any Government officer acting, in regard to such transport, in the performance of his official duties ;

(b) any medical practitioner, duly licensed to sell opium, in such quantity as added to his stock in hand shall not exceed that specified in his license and for the purposes of his business as such practitioner.

12. Any farmer or person licensed to sell opium wholesale or retail may, subject to the conditions of his farm or license, transport pure opium or poppy-heads in such quantities as he may require for the purposes of such farm or license or the business carried on thereunder :

Provided that such pure opium or poppy-heads shall not be transported from any place within the limits of one tahsil to any place within the limits of another tahsil otherwise than under a pass obtained in manner hereinafter provided :

Provided further that no such pass shall be necessary for the transport of pure opium or poppy-heads by a farmer from any one place situate within the limits of the local area included in his farm to any other place situate within the same limits.

13. Transport passes (rule 12) may be granted—

(a) if required to authorise the transport of pure opium or poppy-heads from any place situate within the limits of any one tahsil to any place situate within the limits of any other tahsil of the same district—by the Tahsildar of the tahsil from which the same is to be transported ;

(b) if required to authorise the transport of pure opium or poppy-heads from any place situate within the limits of any one district to any place situate within the limits of any other district—by the Deputy Commissioner or the Officer in charge of Excise Revenue of the district from which the transport is to be made or by any Tahsildar of such district who may have been specially empowered by the Deputy Commissioner to grant such passes :

Provided that no pass for the transport of pure opium or poppy-heads from any place situate within the limits of any one district to any place situate within the limits of any other

district shall be granted unless and until the applicant for the pass shall produce a certificate from the Deputy Commissioner or Officer in charge of Excise Revenue of the district to a place situate within the limits of which such transport is to be made, authorising the grant of a pass for the purpose.

14. Every transport pass and certificate granted under these rules shall be in such form and shall contain such particulars, in addition to those hereinafter following, as the Financial Commissioner may from time to time prescribe :—

(i) Particulars to be contained in every Transport Pass.

- (1) The name of the applicant and of the tahsil and district in which he is licensed to sell opium and poppy-heads.
- (2) The places from and to which, and the route by which, transport is to be effected and the name of the consignee.
- (3) The number and date of the certificate (if any) produced by the applicant, and the name of the office from which the certificate was granted.
- (4) The number of packages, and the contents and the gross weight of each package.
- (5) The name and description of the office to which the consignment is to be taken for examination and weighment on arrival at the tahsil or district of destination.
- (6) The period for which the pass is to remain in force.
- (7) The date on which the pass is granted and the signature and official designation of the officer granting the pass.

(ii) Particulars to be contained in every Certificate.

- (1) The name of the person to whom the certificate is granted.
- (2) The nature of his license.
- (3) The name of the place for transport to which he is authorised to apply for a pass.
- (4) The name and situation of the office (if any) to which the consignment is to be taken for examination and weighment in case a pass for its transport be granted.
- (5) The date on which the certificate is granted, and the signature and official designation of the officer granting the same.

15. (1) Every transport pass granted under these rules shall be prepared in triplicate. One copy shall be delivered to the applicant; another copy shall be sent to the office to which the consignment is to be taken for examination and weighment on arrival at the district or tahsil of destination; and the remaining copy shall be placed on record in the office of issue.

(2) Every certificate authorising an application for a transport pass shall be prepared in duplicate; one copy shall be delivered to the applicant, and the other copy shall be placed on record in the office of issue.

16. The Deputy Commissioner of any district through which a consignment of pure opium or poppy-heads may be passing under cover of a transport pass, may, on due cause being shown by the consignor, consignee or person in charge of the consignment, extend the period for which such transport pass; as the case may be, is to remain in force. Every extension of time so granted shall be endorsed upon the pass by the Deputy Commissioner granting it, and every such endorsement shall be dated and signed by such Deputy Commissioner.

17. (1) Pure opium or poppy-heads transported under cover of a transport pass shall, on arrival within the limits of the tahsil or district in which its place of destination is situate, be taken for examination and weighment direct to the office designated in the transport pass in that behalf.

(2) On arrival at such office, the consignee or person in charge of the consignment shall deliver up his copy of the transport pass and all the pure opium or poppy-heads in his possession—

(a) if the office be at the head-quarters of a district—to the Deputy Commissioner, Officer in charge of Excise Revenue, or other officer deputed by the Deputy Commissioner to examine and weigh consignments under transport

(b) if the office be at the head-quarters of a tahsil—to the Tahsildar or other person deputed by the Tahsildar to examine and weigh such consignments.

18. Every consignment of pure opium or poppy-heads to be transported under these rules shall be properly packed and firmly secured and sealed, so that it cannot be opened and its contents tampered with or extracted without breaking or damaging the seals or packing materials.

19. (1) Every Deputy Commissioner and every other Revenue Officer not below the rank of Naib-Tahsildar, and every Police Officer not below the rank of Deputy Inspector, and

every Excise Officer drawing a salary of not less than Rs 20 per mensem, is authorised to detain, so long as may be necessary for the inspection of the same, and to inspect, any consignment of opium in transit through his jurisdiction, and to call for the production of the pass under which such opium is being transported, imported or exported.

(2) If upon any inspection made under the powers conferred by this rule any excess or deficiency between the quantity of pure opium or poppy-heads specified in the pass and the actual quantity contained in any parcel or package to which the pass relates is found to exist, and the consignor, consignee or person in charge thereof cannot satisfactorily account for such excess or deficiency, the fact shall forthwith be reported to the Deputy Commissioner of the district in which such inspection is made, and pending the orders of such Deputy Commissioner, the parcel or package in question shall be detained by the inspecting officer.

(3) If when any pure opium or poppy-heads shall be weighed under the provisions of clause (2) of rule 17, or in the course of any inspection made under the provisions of this rule, a deficiency between the quantity specified in the pass and the actual quantity contained in any parcel or package to which the pass relates is found to exist, such allowance on account of dryage shall be made in reduction of that deficiency as may from time to time be prescribed by the Revenue Commissioner in that behalf.

(e) General provisions as to Import of Opium.

20. (1) Subject to the restrictions laid down in the following rules, any person may import opium of such description and in such form and quantity as he may under the rules regulating the possession thereof lawfully possess.

(2) Opium other than preparations or admixtures of opium used for smoking, may be imported by any Government officer acting in regard to such import in the performance of his official duties.

(3) A visitor of distinction from beyond the borders of India or from Kashmir or from the territory west of the Indus beyond the frontier of the North-West Frontier Province may personally import the opium he is allowed to possess according to the provisions of rule 7: provided he has first obtained a special permit in that behalf from the Deputy Commissioner of the district of the North-West Frontier Province into which the opium is to be first brought.

Every application for such special permit shall be made in writing, and shall, if granted, be so granted free of charge.

(4) A horse-dealer, who personally imports pure opium in such quantity as he is permitted by the provisions of rule 8 to possess for the use of his horses, shall pay duty thereon at the rate prescribed by the Governor General in Council in respect of the import of pure opium.

(5) A medical practitioner who imports opium other than preparations or admixtures of opium used for smoking, shall pay in respect of such opium, when imported by sea, such duty as may be leviable thereon under the Indian Tariff Act, 1894, as amended by Act III of 1896, or any other law for the time being in force, and shall comply with any further conditions regulating such import as may be prescribed by the Revenue Commissioner from time to time.

21. (1) Pure opium or poppy-heads produced or manufactured or purchased (a) in foreign territory situate west of the Indus, (b) in Kashmir, (c) or in the Punjab may be imported into the North-West Frontier Province by any person holding a license to sell opium wholesale or retail in the North-West Frontier Province.

(2) Provided that such opium shall be imported—

(a) in quantities of not less than ten seers at a time;

(b) under cover of an import pass or, in the case of exports from the Punjab, of an export pass obtained in manner hereinafter provided; and

(c) subject to the payment of such import duty as may from time to time be imposed by the Governor General in Council in exercise of the power conferred by section II of the Opium Act, 1878.

22. (1) Any person licensed to sell opium in the North-West Frontier Province, who requires a pass for the import of pure opium or poppy-heads from any of the territories from which such import is, under clauses (a) and (b) of sub-rule (1) of the preceding rule, permissible, may apply for such pass to the Deputy Commissioner of the district into which the pure opium or poppy-heads which he intends to import is, or are, on first reaching British India, to be brought.

(2) The application shall be in writing and shall contain the following particulars, namely:—

(a) the name and description of the applicant;

(b) the name of the district in which he is licensed to sell opium, and the nature of his license;

(c) the quantity of pure opium or poppy-heads which he wishes to import.

(3) The application shall be accompanied by a certificate from the Deputy Commissioner or Officer in charge of Excise Revenue of the district in which the applicant holds his license to sell opium, stating that he has permission to bring the pure opium or poppy-heads which he proposes to import into such district.

(4) Any person licensed to sell opium in the North-West Frontier Province who requires a pass for the import of pure opium or poppy-heads from the Punjab shall first obtain a permit from the Deputy Commissioner or Officer in charge of Excise Revenue of the district in which the applicant holds his license to sell opium, and may then apply to the Deputy Commissioner of the district of the Punjab from which he intends to import, for an export pass to cover the removal of the opium which he wishes to export, and such export pass, if granted in accordance with the rules regulating the grant of such passes which may from time to time be in force in the Punjab, shall be sufficient authority to cover the import of the opium into the North-West Frontier Province and for the further transport of it to the district in which the importer is licensed to sell opium.

23. Every import pass granted under these rules shall be in such form and shall contain such conditions, in addition to those hereinafter following, as the Revenue Commissioner may from time to time prescribe:—

- (a) all pure opium and poppy-heads imported under an import pass shall, on being brought into the North-West Frontier Province, be taken, with bulk unbroken, by the person in charge thereof direct to the office of such officer as is specified in the pass;
- (b) on arrival at such office the pure opium or poppy-heads, as the case may be, together with the import pass, shall be delivered to the officer named in that behalf in such import pass;
- (c) the pure opium or poppy-heads so delivered shall not be returned to the importer thereof until the duty leviable thereon, referred to in rule 21, clause (c), has been paid into the treasury and a treasury receipt for the same produced;
- (d) After the duty has been paid thereon the pure opium or poppy-heads (as the case may be) shall not be removed from the place at which it was delivered under clause (b) preceding, otherwise than in accordance with the rules regulating the transport of opium within the North-West Frontier Province.

(f) Special provisions as to import of Malwa opium through Ajmer.

24. (1) Subject to the restrictions contained in this and in the following rules, Malwa opium may be imported into the North-West Frontier Province through Ajmer by a person who has obtained a permit in that behalf from the Deputy Commissioner of a district in the North-West Frontier Province, (a) in accordance with the terms and conditions entered in such permit, and (b) under cover of an export pass granted by the Collector of Ajmer in accordance with the provisions of the opium rules in force in Ajmer-Merwara.

(2) So many maunds of Malwa opium as the Government of India may determine may be yearly imported into the North-West Frontier Province on payment of a duty, hereinafter called the reduced duty, of such amount per chest of 140½ lbs. or half chest of 70½ lbs., as may, from time to time, be fixed by the Government of India and notified in the *Gazette of India*.

This privileged allowance shall be distributed under the orders of the Revenue Commissioner among districts of the North-West Frontier Province according to their requirements. The allotment so made shall be communicated early in each financial year to each district concerned and to the Collector of Ajmer.

(3) Subject to the provisions of the rules hereinafter following, permits for the import of Malwa opium may be issued on behalf of each district, if the opium to be imported is to be exported from Ajmer on payment of export duty at the reduced rate, up to the limit of the allotment so communicated; and if the full duty is paid at the rate of Rs 725 per chest of 140½ lbs., without limit.

The Deputy Commissioner issuing the permit shall note in it whether duty is to be levied at the full or reduced rate and also the total amount of Malwa opium for the import of which on payment of the reduced duty, permits have already been granted by the said Deputy Commissioner, so as to enable the Collector of Ajmer to check the quantities issued at the reduced rate against the several allotments.

25. (1) Application for a permit authorising the import of Malwa opium into the North-West Frontier Province may be made by any person licensed to sell opium in the North-West Frontier Province.

(2) Every application made by a person specified in the preceding clause shall be made to the Deputy Commissioner of the district in which the applicant is licensed to sell opium.

(3) The application shall state the quantity to be imported in whole or half chests, and not in any other manner.

26. Every permit for the import of Malwa opium shall be in such form and shall be granted subject to such conditions, in addition to the condition hereinafter following, as

the Revenue Commissioner may, from time to time, prescribe. A duplicate of the permit shall be sent by post by the Deputy Commissioner issuing it to the Collector of Ajmer :—

- (a) the permit-holder shall, within the period of———* days, present the permit to the Collector of Ajmer ;
- (b) any permit which is not presented to the Collector of Ajmer within the period specified therein shall become and be void and of no effect ;
- (c) the permit-holder shall, after purchasing the quantity of opium which he has been authorised to import, consign the same from the place of purchase to the Collector of Ajmer, and shall apply to that officer for the grant of a pass authorising the export of the opium to the North-West Frontier Province in accordance with the provisions of the opium rules in force in Ajmer-Merwara.
- (d) at the time of making application for such export pass, the permit-holder shall tender to the Collector of Ajmer the amount of the duty leviable in respect of the quantity of opium to be exported at the full or the reduced rate of such duty, as the case may be ;
- (e) if an export pass be granted, the permit-holder shall comply with each and all of the conditions specified therein ;
- (f) the opium for the export of which from Ajmer the permit-holder obtains an export pass shall be conveyed to the North-West Frontier Province only by the Rajputana-Malwa and Ferozepore-Rewari Railways and shall be transported from Rewari to Ferozepore and thence on to its destination in the North-West Frontier Province only by the Ferozepore-Rewari and North-Western Railways. The opium shall be consigned to the Deputy Commissioner who granted the permit upon the presentation of which the export pass was granted ;
- (g) on the arrival of the opium so consigned at its destination, the permit-holder, or his agent, shall attend before the officer specified in the permit in that behalf, and shall produce the export pass on the issue of which the opium entered therein was consigned to the North-West Frontier Province.

(g) Export of Opium.

27. (1) The visitors of distinction and foreign horse-dealers referred to in rules 7 and 8 may take out of the North-West Frontier Province, on leaving the Province, any opium of which they are in possession in accordance with those rules.

(2) Opium may be exported by any officer of Government under the orders of Government.

(3) Pure opium or poppy-heads may be exported to the Punjab or to Kashmir territory by any person who has obtained a pass, in respect of export to the Punjab, from the Deputy Commissioner of any district in the North-West Frontier Province, and in respect of export to Kashmir, from the Deputy Commissioner of a district adjoining Kashmir territory :

Provided that no pass for the export of pure opium or poppy-heads to any district of the Punjab or to Kashmir territory shall be granted otherwise than on production of a permit signed by a Deputy Commissioner of a district of the Punjab, or by an officer duly empowered to sign such permit by the Government of Kashmir territory, authorising the permit-holder to apply for an export pass.

(4) A copy of every export pass granted under clause (3) of this rule shall be sent to the officer who issued the permit authorising application to be made for such export pass.

(5) Every export pass shall be in such form and shall contain such particulars as the Revenue Commissioner may from time to time prescribe.

(h) Further general provisions regulating Transport, Import and Export of Opium.

28. (1) If the transport, import or export of any consignment of pure opium exceeding three tolas in weight, or of poppy-heads exceeding two sérs in weight, is to be made by railway, then it shall be made in accordance with the following regulations :—

(a) the consignment shall be covered by a transport, import or export pass (as the case may be) issued in accordance with the provisions of these rules, and under such subsidiary instructions as the Revenue Commissioner may from time to time prescribe ;

(b) each package thereof shall, whether any person responsible therefor is travelling by rail along with the consignment or not, be handed over to the custody of the railway officials, and by them be booked through from the railway station at which it is brought on to the railway, to the railway station at which it is to be taken off the railway :

* To be filled in by the officer granting the permit.

Provided that this rule shall not apply to any consignment or consignments which may have been especially exempted by a Deputy Commissioner from its provisions.

(2) Any consignment of pure opium or poppy-heads which is in course of transit by rail, but which is not covered by a pass or has not been booked through, as provided by clause (1) of this rule, may be seized and detained by any Railway, Police or Excise Officer.

(i) Sale of Opium.

29. Opium, other than preparations or admixtures of opium used for smoking, may be sold by any Government officer, on behalf of Government, in accordance with such directions as the Revenue Commissioner may from time to time issue in that behalf.

30. Save as provided by rule 29, the sale of opium is permitted only in accordance with the terms and conditions of a license granted as provided in the following rules.

31. (1) Licenses for the sale of opium, other than preparations or admixtures of opium used for smoking, may be granted either—

(a) for wholesale vend,

(b) for retail vend,

(c) for sale by a medical practitioner for medicinal purposes only.

(2) Every license for the sale of opium, other than preparations or admixtures of opium used for smoking, wholesale (hereinafter called a wholesale license), shall be granted subject to the provisions of rules 32, 36, 37, 39 and 40 and shall be in such form and shall be subject, in addition to the conditions hereinafter prescribed, to such conditions consistent with the provisions of the Opium Act, 1878, and of these rules as the Revenue Commissioner may from time to time prescribe:—

(a) the license-holder may sell pure opium and poppy-heads only;

(b) the license-holder shall not sell pure opium or poppy-heads other than such as he has either himself imported, in manner in these rules provided in that behalf, or purchased in the North-West Frontier Province from some person duly authorised under these rules to sell the same to him;

(c) the license-holder shall not sell at one time pure opium in less quantity than one sér or poppy-heads in less quantity than five sérs;

(d) the license-holder shall not sell pure opium or poppy-heads to any person other than a person holding a farm granted under these rules, or a person licensed to sell pure opium or poppy-heads wholesale or retail in the North-West Frontier Province, or a person who has obtained, in manner in these rules provided in that behalf, a pass for the export of pure opium or poppy-heads, as the case may be, from the North-West Frontier Province to the Punjab or to Kashmir, or to a medical practitioner, or to Government:

Provided that in selling pure opium or poppy-heads to a medical practitioner he shall sell the same only in such quantities as such medical practitioner may, under the conditions of his license, be entitled to possess.

(3) Every license for the sale of opium, other than preparations or admixtures of opium used for smoking, by retail (hereinafter called a retail license) shall be granted subject to the provisions of rules 33, 36, 37, 39, and 40 and shall be in such form and shall be subject, in addition to the conditions hereinafter following, to such conditions consistent with the provisions of the Opium Act, 1878, and of these rules as the Revenue Commissioner may from time to time prescribe:—

(a) the license-holder may sell pure opium and poppy-heads only;

(b) the license-holder shall not sell pure opium or poppy-heads other than such as he has either himself imported, in manner in these rules provided in that behalf, or purchased in the North-West Frontier Province from some person duly authorised under these rules to sell the same to him;

(c) the license-holder shall not sell to any one person at one time pure opium in greater quantity than three tolas or poppy-heads in greater quantity than two sérs at a time.

32. (1) Licenses to sell opium wholesale in the North-West Frontier Province may be granted by the Deputy Commissioner of the district in which the business under such license is to be carried on.

(2) No wholesale license shall be granted for a longer period than one year, and every such license shall cease to operate and determine on the expiry of the financial year in which it was granted.

(3) The fee for a wholesale license shall be Rs. 16, or such other sum not exceeding Rs. 50, as the Revenue Commissioner may from time to time prescribe, and shall be payable before the license is granted.

33. (1) Licenses to sell opium retail in the Punjab may be granted by the Deputy Commissioner of the district in which the business under such license is to be carried on.

(2) Retail licenses may be granted in respect of such places in each district as the Deputy Commissioner shall determine.

(3) No retail license shall be granted for a longer period than one year, and every such license shall cease to operate and determine on the expiry of the financial year in which it was granted :

Provided that the Revenue Commissioner may sanction the grant of a retail license for any period and every license so granted shall remain in force for the period which the Revenue Commissioner may sanction in respect thereof.

(4) For the purpose of fixing the fee payable for any retail license, or for all or any of such licenses to be held within the limits of any one district or part of a district, the Deputy Commissioner may either direct that such retail license or licenses be put up for sale by public auction or call for tenders for such license or licenses as he may think fit.

(5) Of the fee so fixed, a portion amounting to not less than one-sixth of the whole, shall be paid before the commencement of the period for which the license is to be granted, and the balance thereof shall be paid in equal monthly instalments distributed over the period for which the license is granted.

34. (1) The Deputy Commissioner may, on receiving a written application, grant licenses to medical practitioners to sell opium, other than preparations or admixtures of opium used for smoking, for medicinal purposes only.

A fee at such rate (if any) not exceeding Rs. 20, as the Revenue Commissioner may from time to time prescribe shall be leviable in respect of every such license.

(2) The Deputy Commissioner shall in respect of such each license fix, and shall record in the license, the maximum quantity of pure opium, opium powder, poppy-heads, salts of morphia, respectively, or any similar preparation which the licensee may possess at any one time for the purpose of vend or of making admixtures and preparations therefrom.

Provided that he shall not fix less than the following quantities, namely :—

- 8 oz. pure opium,
- 4 oz. opium powder,
- 5 sérs poppy-heads,
- 4 oz. salts of morphia.

(3). Every license for the sale of opium by a medical practitioner for medicinal purposes shall be granted subject to the provisions of rules 36, 37, 39, and 40 and shall be in such form and shall be subject, in addition to the conditions hereinafter following, to such conditions consistent with the provisions of the Opium Act, 1878, and of these rules as the Revenue Commissioner may from time to time prescribe :—

- (a) the license-holder shall not sell any pure opium, opium powder, preparation of or decoction from poppy-heads, or any preparation or admixture of pure opium, for any purpose other than a medicinal purpose ;
- (b) the license-holder shall procure his supplies of pure opium or poppy-heads either from persons licensed to sell opium in the North-West Frontier Province or by importation ;
- (c) the license-holder shall procure his preparations or admixtures of pure opium either by importing them or by preparing them himself from the pure opium he is allowed to possess ;
- (d) the license-holder shall himself make up such decoctions of poppy-heads as he may require, from poppy-heads which he is allowed to possess.
- (f) Farm of Fees leviable on the sale of Opium by retail.

35. (1) The fees leviable on the retail sale of opium within the limits of any specified local area may, with the previous sanction of the Revenue Commissioner, be given out in farm by the Deputy Commissioner, for any period not exceeding five years, upon such terms and conditions as may be agreed upon :

Provided that the person to whom any farm is granted under this rule shall not be entitled to demand any payment or compensation whatsoever in respect of —

- (a) any decrease from any cause whatsoever in the estimated annual or quinquennial income derived from such farm ;
- (b) any taxation, rate or duty at any time imposed by any law for the time being in force ;
- (c) any alteration in the rules having the force of law under the Opium Act, 1878, made during the continuance of such farm ;
- (d) any restrictions at any time lawfully imposed on the import, export or transport of pure opium or poppy-heads during the currency of his farm ;
- (e) any decrease of income, loss or damage at any time sustained or caused, or alleged to have been sustained or caused, by reason or anything done under the laws relating to epidemic disease or quarantine for the time being in force, or by reason of any movements of troops, interference with traffic, or the like act of public utility or policy.

(2) No farmer shall sell opium at any place or places other than the place or places specified in the agreement relating to such farming out of duties, or fixed by the Deputy Commissioner, with the consent of the farmer, at any time during the continuance of the farm.

(3) The farmer may either himself sell, or may appoint agents to sell, opium (not being preparations or admixtures of opium used for smoking) by retail under the farm, but no person shall sell opium retail thereunder to whom the farmer has not, with the approval and consent of the Deputy Commissioner, granted a sub-license, for the retail sale of opium by him.

(4) Every such farm and sub-license, as the case may be, shall be subject to the conditions provided in these rules for the retail sale of opium and for the grant of retail licenses and to such further conditions consistent with the provisions of the Opium Act, 1878, and of these rules as the Revenue Commissioner may, in granting sanction to any such farm, prescribe.

(k) General Rules as to Farms and Licenses for the Sale of the Opium.

36. (1) It shall be in the discretion of the Deputy Commissioner to refuse to grant a license or farm under these rules, to any person until such person shall have given a bond for the due performance of the conditions subject to which it is proposed that such license or farm shall be granted, and binding himself, in the event of his committing a breach of any of such conditions or causing or permitting any such breach to be committed, or in the event of his abandoning the business connected with such license or farm before the expiry of the term for which such license or farm may be granted, to pay such compensation, not exceeding the amount named in the bond, as the Deputy Commissioner may fix.

(2) The payment of compensation under clause (1) of this rule shall not operate as a bar to, or otherwise affect, any other proceedings which may lawfully be taken against the licensee or farmer in respect of the infringement of the conditions of his license or farm.

37. (1) If any person who has been a farmer or has held a license to sell opium, shall have in his possession, on the expiration or determination for any other cause of his farm or license any opium which he is unable forthwith to dispose of by private sale, in accordance with the provisions of these rules to other farmers or persons holding licenses to sell opium wholesale or retail or for medicinal purposes, he shall at once surrender the same to the Deputy Commissioner. The Deputy Commissioner shall make such opium over, in any quantity not exceeding that which the transferee is likely to sell within two months, to the incoming farmer or licensed vendor who is taking the place of the farmer or licensed vendor who surrendered the opium to the Deputy Commissioner, or otherwise to any farmer or licensed vendor within the district:

Provided that if any such opium, or any part thereof, be declared by the Civil Surgeon or other duly qualified officer to be unfit for use, the Deputy Commissioner shall cause the same to be destroyed.

(2) The farmer or licensed vendor to whom opium is made over by the Deputy Commissioner under clause (1) of this rule, shall be bound to pay such price for the opium as the Deputy Commissioner in his discretion may fix. In the event of the said farmer or licensed vendor refusing or failing to pay such price, the Deputy Commissioner may forthwith revoke and determine his farm or license.

(3) The Deputy Commissioner shall tender the price so paid to the outgoing farmer or licensed vendor by whom the opium was surrendered, and such farmer or licensed vendor, as the case may be, shall not be entitled to any price payment or compensation whatsoever in respect of the opium surrendered under clause (1) of the rule other than the sum so tendered.

(l) General provisions applicable to all Licenses and Farms under these rules.

38. (1) Any officer empowered under any of these rules to grant a license, pass or permit thereunder may, in his discretion, either grant the license, pass or permit (as the case may be) applied for, or, by order in writing, refuse to grant such license, pass or permit.

(2) A person whose application for any license, pass or permit has been refused shall not be entitled to be informed of the reasons upon which such refusal is based.

39. (1) Every license granted under these rules shall be held to have been granted personally to the licensee named therein, and shall not be transferable.

(2) If any license-holder die before or during the period of the currency of his license, such license shall forthwith cease to operate and determine:

Provided that the Deputy Commissioner may, in his discretion, continue any such license in force in favour of the legal representative of the deceased license-holder.

40. (1) Any license granted under these rules may at any time be forthwith revoked and cancelled by the Deputy Commissioner—

(a) if the license-holder shall infringe, or cause or permit any other person to infringe, any of the conditions of his license or any rule for the time being in force under, or any provision of, the Opium Act, 1878;

(b) if the license-holder become physically or mentally or otherwise incapable, for any period exceeding one month, of personally carrying on his business under his license;

(c) if the license-holder be declared insolvent or be imprisoned for any criminal offence;

(d) for any other sufficient cause:

Provided that no farm granted in accordance with the provisions of rule 35 shall be cancelled except with the sanction of the Revenue Commissioner:

Provided further that the Deputy Commissioner may, in his discretion, renew any license which has been cancelled by him under this clause on payment of such sum, not exceeding Rs50, as he may think proper.

(2) When a Deputy Commissioner cancels a license under sub-clause (d) of the clause preceding, he shall remit a sum equal to the amount of the fee for 15 days, and shall either give 15 days' previous notice of his intention to cancel the license, or shall, in addition to remitting the sum aforesaid, make such compensation for default of notice as the Revenue Commissioner directs. On the expiration of the notice, or on the payment of the additional compensation, the Deputy Commissioner may cancel the license. Otherwise no person to whom any license has been granted under these rules shall be entitled to demand, recover or receive any payment or compensation whatsoever, or any refund of fees or instalment of fees already paid by him, or any remission of any sum due from him to Government, in respect of the revocation, cancellation or other determination of such license in accordance with any of the provisions of these rules or of any condition of such license.

(3) The revocation, cancellation or other determination of any license granted to any person under any power conferred by these rules shall not operate as a bar to, or otherwise in any way affect, any proceeding which may lawfully be taken against such person in respect of anything done under, or arising out of, or connected with, anything done under such license, nor shall such revocation, cancellation or other determination relieve such person of any liability or penalty incurred by him under any provision of the Opium Act, 1878, or other law for the time being in force regulating the cultivation, manufacture, possession, import, transport and export of opium or any of these matters, or the rules made under that Act or such law.

(m) Disposal of things confiscated.

41. (1) All things in regard to which an order is passed under the provisions of the Opium Act, 1878, that they be confiscated, shall be delivered to the Deputy Commissioner of the district in which such order is passed.

(2) If the thing confiscated be pure opium, the Deputy Commissioner shall send such opium to the Civil Surgeon of the district in which the order of confiscation was passed, for examination and report.

On receipt of the Civil Surgeon's report, the Deputy Commissioner shall deal with the opium in such manner as the Revenue Commissioner may, by executive order, from time to time, direct.

(3) If the thing confiscated be an admixture of opium or admixtures of opium prepared for use in smoking, then such thing shall be destroyed.

(4) If the thing confiscated be poppy-heads, it shall be disposed of in such manner as the Deputy Commissioner may direct.

(5) In every other case the thing confiscated shall be sold and the proceeds of the sale shall be credited to Government in the treasury.

(n) Rewards.

42. The Deputy Commissioner of a district may, in his discretion, grant a reward to any officer or informer who has been instrumental in obtaining the conviction of any person for an offence punishable under the Opium Act, 1878, in his district: provided that the amount granted as a reward in any case shall not exceed the amount of the proceeds of fines and confiscations realised in respect of such conviction.

(o) Appeal and Revision.

43. (1) An appeal shall lie from an order of a Deputy Commissioner or from an original or appellate order of the Revenue Commissioner, as follows, namely:—

(a) to the Revenue Commissioner when the order is made by a Deputy Commissioner;

(b) to the Chief Commissioner when the order is made by the Revenue Commissioner:

Provided that when the Revenue Commissioner confirms on appeal the order of a Deputy Commissioner a further appeal shall not lie.

(2) The period of limitation for an appeal under clause (1) of this rule shall run from the date of the order appealed against, and shall be as follows:—

(a) when the appeal lies to the Revenue Commissioner, 30 days;

(b) when the appeal lies to the Chief Commissioner, 60 days.

44. The Revenue Commissioner may revise any order passed by a Deputy Commissioner, and the Chief Commissioner may revise any order passed by the Revenue Commissioner, under these rules.

M. F. O'DWYER,

Revenue and Financial Secretary
to the Chief Commissioner,
N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 18th July 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.		Deaths.			CAUSE OF DEATH.										INFANTS UNDER ONE YEAR OF AGE.			Ratio of births per 1,000 of population.	Ratio of deaths per 1,000 of population.	Number.
				Males.	Females.	Total.	Males.	Total.	Females.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory disease.	Injuries.	All other causes.	Males.	Females.	Total.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	Hazara	Abbottabad	3,395	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
2		Nawashahr	4,114	3	1	4	4	1	3	...	...	...	3	...	...	...	...	1	...	...	...	50	50	2
3		Butla	7,029	4	6	10	6	3	2	1	...	1	...	2	...	...	...	...	...	...	...	45	22	3
4		Haripur	5,578	3	2	5	12	10	2	2	8	...	...	2	...	...	...	2	3	...	1	47	112	4
5	Peshawar		73,343	18	19	37	42	21	21	3	2	...	22	3	6	...	6	2	8	10	27	30	5	
6	Kohat		18,092	6	2	8	18	9	9	...	4	...	11	...	2	...	1	1	1	2	23	52	6	
7	Bannu	Bannu	10,070	1	3	4	2	2	...	...	...	...	1	...	...	...	1	1	...	...	36	10	7	
8		Lakki	5,218	2	2	4	2	...	2	...	...	...	1	...	...	...	...	1	...	...	40	20	8	
9	Dera Ismail Khan	Dera Ismail Khan	31,575	11	16	27	12	3	9	...	1	...	7	...	3	...	...	1	2	4	6	50	22	9
10		Kulachi	9,125	2	3	5	1	1	...	...	...	...	1	...	...	...	...	...	1	...	1	29	6	10
		Total	164,251	53	50	103	96	49	47	11	8	...	50	3	11	...	13	11	13	24	33	30		

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 18th July 1903.

Births and deaths in Municipal Towns.—In the 10 Municipal Towns, 103 births were registered (53 males and 50 females), giving a birth-rate of 33 per mille of population; 96 deaths were registered (49 males and 47 females), giving a death-rate of 30 per mille of population.

Peshawar, the 6th August 1903.

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

TELEGRAPH DEPARTMENT.

NOTIFICATION.

Simla, the 11th August 1903.

No. 22.—Offices reported opened and closed during the month of July 1903 :—

Name of Office.	Where situated.	Date.	REMARKS.
<i>Government Telegraph Offices.</i>			
Aditvari (Nagpur)	Central Provinces	17th July	Opened.
Baniapur	Bihar	23rd "	Ditto.
Enangudi	Madras	17th "	Ditto.
Mona (Jhelum)	Punjab and North-West Frontier Province	1st "	Ditto.
Morena Railway Station	United Provinces of Agra and Oudh	10th "	Ditto.
Myitha	Burma	11th "	Ditto.
Pipra (Champaran)	Bihar	20th "	Ditto.
Sankakhola (Sikkim)	Bengal	24th "	Ditto.
Sargodha	Punjab and North-West Frontier Province	22nd "	Ditto.
Singtam (Sikkim)	Bengal	21st "	Closed.
<i>Railway Telegraph Offices.</i>			
Ambasamundram	South Indian Railway	24th July	Opened.
Ankhol	Rajputana-Malwa Railway	13th "	Ditto.
Bellary Cantonment	Southern Mahratta Railway	20th "	Ditto.
Kadi	Rajputana-Malwa Railway	13th "	Ditto.
Kila Kadaiyam	South Indian Railway	24th "	Ditto.
Kobdnur	Oudh and Rohilkhand Railway	1st "	Ditto.
Kusugall	Southern Mahratta Railway	24th "	Ditto.
Mau Aima	Oudh and Rohilkhand Railway	1st "	Ditto.
Mettur	South Indian Railway	24th "	Ditto.
Pavar Chutram	Ditto	24th "	Ditto.
Piparpur	Oudh and Rohilkhand Railway	1st "	Ditto.
Shencottah	South Indian Railway	24th "	Ditto.
Sultanpur	Oudh and Rohilkhand Railway	1st "	Ditto.
Tenkasi	South Indian Railway	24th "	Ditto.
Thinganggun	Burma	25th June	Ditto.

NOTE.—The following changes in the names of Railway Telegraph Offices are notified :—

On the East Indian Railway.

"Some East Bank" instead of "Baran Junction."

On the North-Western Railway—

"Jetha Bhutta" instead of "Jatta Bhutta."

"Kulab" instead of "Kulab."

"Mela" instead of "Meka."

E. A. LEACH,
Offg. Director, Traffic Branch.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, viz. :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
1 "	5	6	6
1 "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows: -

1-pound tin,	R 15,	or post-free,	R 16-8
"	R 8,	"	R 8-5
"	R 4,	"	R 4-5

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

GOVERNMENT PUBLICATIONS FOR SALE

BY THE SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA,
8, HASTINGS STREET, CALCUTTA.

A General Catalogue of all Government Publications may be obtained gratis
from the Government Central Press, Calcutta.

All books published by the Superintendent of Government Printing, India, can be purchased either directly or
through the following or any other booksellers:—

AGENTS IN EUROPE.

Mr. E. A. Arnold, 37, Bedford Street, Strand, London.
Messrs. Constable & Co., 2, Whitehall Gardens, London.
Messrs. Sampson Low, Marston & Co., St. Dunstan's
House, Fetter Lane, London.
Messrs. Luzac & Co., 46, Great Russell Street, London.
Messrs. Kegan Paul, Trench, Trübner & Co., Charing
Cross Road, London.
Mr. H. Alfred Quaritch, 15, Piccadilly, London.
Messrs. P. S. King & Son, 2 & 4, Great Smith Street,
Westminster.

Messrs. H. S. King & Co., 65, Cornhill, London, are
also Agents for the sale of the Indian Army List.
Mr. Otto Harrassowitz } Leipzig.
Mr. Karl Hiersemann }
Messrs. R. Friedländer & Sohn, Berlin, N. W. Char-
trasse, 11.
Mr. Ernest Leroux, 38, Rue Bonaparte, Paris.
Mr. Martinus Nijhoff, Hague, Holland.
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Messrs. R. Cambray & Co., Calcutta.
Messrs. S. K. Lahiri & Co., Calcutta.
Messrs. Higginbotham & Co., Madras.
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Messrs. G. A. Natesan & Co., Madras.
Messrs. Thacker & Co., Ltd., Bombay.
Messrs. A. J. Combridge & Co., Bombay.
Messrs. D. B. Taraporevala, Sons & Co., Bombay.
Mrs. Radhabai Atmaram Sagoon, Bombay.
Superintendent, American Baptist Mission Press,
Rangoon.
Rai Sahib M. Gulab Singh & Sons, Mufid-i-Am Press,
Lahore.
Mr. N. B. Mathur, Superintendent, Nazair Kanun Hind
Press, Allahabad.

Manager, Educational Book Depôts, Nagpur and
Jubbulpore.*
Manager of the Imperial Book Depot, 63, Chandray
Chauk Street, Delhi.*
Manager, *East Coast News*, Vizagapatam.*
Manager, "The Agra Medical Hall and Co-operative
Association, Limited" (Successors to A. John & Co.,
Agra).
Mr. T. K. Sesharama Aiyar, Kumbakonam.*
Lala Debi Prasad, Vakil and Manager of Law Press,
Cawnpore.*
Superintendent, Basel Mission Book and Trans-
latory, Mangalore.*
Messrs. P. Varadachary & Co., Madras.*
Mr. Sunder Pandurang, Bombay.*
The Mercantile Mission Branch, Calicut.*

* Agents for sale of the Legislative Department publications.

NOTICE.—Books and Acts required for private use only can be purchased. Applications should be accom-
panied by a remittance, unless it is wished that the books should be sent by value-payable post, in which case, besides
the ordinary postage, an additional charge is made for registration and commission.

Books and Acts required for the public service should be obtained through Local Governments to whom the
applicant is subordinate.

Applications for Government publications which are no longer in print should be made to the Agents of the
particular Government under whose orders they were originally issued.

The amounts within parentheses are for packing and postage.

LIST OF NEW BOOKS PUBLISHED DURING THE CURRENT QUARTER.

LEGISLATIVE DEPARTMENT.

- Act XLV of 1860. The Indian Penal Code. As modified up to the 1st April, 1902. With an
Index. Rs. 8a. or 3s. 9d. (5a.)
Act II of 1882. The Indian Trusts Act. As modified up to 1st June 1903. 10s. or 1s. (2a.)
Regulation No. V of 1873. As modified up to 1st July 1903. A Regulation for the peace
and government of certain districts on the Eastern Frontier of Bengal. 1s. 9d. (1a.)
Regulation No. III of 1903. A Regulation to further amend the Upper Burma Land and
Revenue Regulation, 1889. 1s. (1a.).

HOME DEPARTMENT.

Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government of India on the action of the Venoms of the Cobra (*Naja Tripudians*) and of the Daboia (*Daboia Russellii*) on the Red Blood Corpuscles and on the Blood Plasma by Captain G. Lamb, M.D. New series, No. 4. Super-royal 4to. Limp cover. 8a. or 9d. (3a.)

Scientific Memoirs by officers of the Medical and Sanitary Departments of the Government of India. Specificity of Anti-Venomous Sera by Captain G. Lamb, M.D. (Glasg.) New series, No. 5. Super-royal 4to. Limp cover. 3a. or 4d. (2a.)

Quarterly List of Officers in the Departments of the Government of India, July to September 1903. Foolscap. Paper cover. 4a. or 5d. (1a.)

Berar Census Report and Tables, 1901. Foolscap. Board. Part I, R3 or 4s. 6d. (8a.) Part II, R2-8a. or 3s. 9d. (7a.) Part III, R1-8 or 2s. 3d. (6a. 0p.) Complete. R7 or 10s. 6d. (R1 5a. 6p.) (6a. 6p.)

FINANCE AND COMMERCE DEPARTMENT.

List of Officers in the Finance and Commerce Department corrected to June and July 1903. 4a. or 5d. (1a.) each.

FOREIGN DEPARTMENT.

Report on the Working of the Dispensaries and Jail Hospitals and on Vaccination in the Central India Agency for 1901. Foolscap. Board. R2 or 3s. (3a.)

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- Central Provinces Census Report and Tables, 1901. Parts I and II. Fcap. Board. R14 or 21s. (R1-2s.)
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Budget Estimate of the Indo-European Telegraph Department for the year 1903-04. Foolscap. Paper cover. 8s. or 9d. (2s.)

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BIBLIOTHECA INDICA.

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 Kala Viveka. Fasc. 5 @ 6a.
 Vidhana Parijala. Fasc. 1 @ 6a.

**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
FROM 1ST JANUARY TO 30TH JUNE 1903.**

- Monthly Weather Review of India for the months of July and August 1902. By John Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
 Monthly Weather Review of India for the months of September 1902 to February 1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.
 Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A. (illustrated by 6 plates). Quarto. Paper cover. R1.

**LIST OF NEW BOOKS PUBLISHED BY THE GEOLOGICAL
SURVEY OF INDIA DURING THE WEEK ENDING 8TH AUGUST
1903.**

- Contents and Index to Record, Volumes XXI to XXX. By the Director, Geological Survey of India. R1.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 22, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's Gazette, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777—79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's Gazette. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next Gazette."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, Gazette of India.

II A

COMPTROLLER-GENERAL'S OFFICE.

No. 1140.—Preliminary Account of Receipts and Disbursements of the Government of India for the first three months of 1903-1904 as compared with the corresponding period of 1902-1903.

INDIA.									
RECEIPTS.					APRIL TO JUNE.				
WHOLE YEAR.					WHOLE YEAR.				
Preliminary Accounts, 1902-1903.	Budget, 1903-1904.	1902-1903.	1903-1904.	Increase.	Decrease.	Preliminary Accounts, 1902-1903.	Budget, 1903-1904.	1902-1903.	1903-1904.
Revenue.									
Principal Heads of Revenue.									
Land Revenue (including that due to Irrigation).									
Opium	28,90,65,000	29,02,72,000	7,20,81,000	69,82,000	...	28,90,65,000	29,02,72,000	6,59,49,000	7,20,81,000
Salt	6,75,87,000	16,57,47,000	1,58,43,000	18,83,000	...	6,75,87,000	16,57,47,000	1,58,43,000	1,77,26,000
Stamps	9,25,14,000	7,43,00,000	2,76,16,000	...	...	9,25,14,000	7,43,00,000	2,76,16,000	2,91,95,000
Excise	5,21,03,000	5,32,03,000	1,38,51,000	...	...	5,21,03,000	5,32,03,000	1,38,51,000	1,38,51,000
Customs	6,61,83,000	6,75,76,000	1,63,09,000	...	...	6,61,83,000	6,75,76,000	1,63,09,000	1,83,76,000
Other Heads	5,96,13,000	5,42,00,000	1,48,35,000	...	...	5,96,13,000	5,42,00,000	1,48,35,000	1,48,35,000
	9,33,24,000	9,31,92,000	2,14,73,000	...	...	9,33,24,000	9,31,92,000	2,14,73,000	2,14,73,000
	72,23,89,000	70,74,70,000	18,13,86,000	44,50,000	...	72,23,89,000	70,74,70,000	18,13,86,000	18,13,86,000
TOTAL PRINCIPAL HEADS									
Interest	1,05,52,000	1,05,09,000	30,67,000	...	1,48,000	1,05,52,000	1,05,09,000	30,67,000	30,67,000
Post Office, Telegraph, and Mint	4,03,63,000	4,02,22,000	1,21,58,000	...	...	4,03,63,000	4,02,22,000	1,21,58,000	1,21,58,000
Receipts by Civil Departments	1,90,18,000	1,08,25,000	40,37,000	...	...	1,90,18,000	1,08,25,000	40,37,000	40,37,000
Miscellaneous	55,90,000	83,59,000	16,14,000	...	...	55,90,000	83,59,000	16,14,000	16,14,000
Railways	32,43,32,000	30,49,36,000	8,73,40,000	...	...	32,43,32,000	30,49,36,000	8,73,40,000	8,73,40,000
Irrigation (excluding Land Revenue due to Irrigation)	2,91,38,000	2,93,04,000	41,08,000	...	...	2,91,38,000	2,93,04,000	41,08,000	41,08,000
Other Public Works	66,23,000	67,41,000	15,39,000	...	...	66,23,000	67,41,000	15,39,000	15,39,000
Receipts by Military Department	93,14,000	81,25,000	18,57,000	...	...	93,14,000	81,25,000	18,57,000	18,57,000
	1,14,83,19,000	1,13,54,91,000	29,71,06,000	1,08,74,000	...	1,14,83,19,000	1,13,54,91,000	29,71,06,000	29,71,06,000
TOTAL REVENUE									
Railway and Irrigation Capital not charged to Revenue.									
Capital of Railway Companies (net Receipts)									
Permanent Debt (net incurred)	1,36,27,000	1,86,50,000	...	...	...	1,36,27,000	1,86,50,000	...	...
Temporary do. (do.)	52,56,000	89,31,000	...	...	...	52,56,000	89,31,000	...	...
Unfunded do. (do.)	68,23,000	48,88,000	...	...	...	68,23,000	48,88,000	...	...
Deposits and Advances (net)	98,92,000	1,00,27,000	...	...	...	98,92,000	1,00,27,000	...	...
Loans and Advances by Imperial Government	...	...	...	...	...	...	...	...	...
Do. do. by Provincial Governments	...	...	...	...	...	...	...	...	...
Capital Account of Local Boards (net Receipts)	...	...	...	...	...	...	...	...	...
Remittances (net)	...	...	...	...	...	...	...	...	...
Secretary of State's Bills drawn	...	...	...	...	...	...	...	...	...
	4,41,47,000	4,44,96,000	98,24,000	1,36,000	...	4,41,47,000	4,44,96,000	98,24,000	98,24,000
TOTAL									
TOTAL RECEIPTS									
Opening Balance	1,19,24,66,000	1,17,29,87,000	30,69,28,000	1,24,37,000	...	1,19,24,66,000	1,17,29,87,000	30,69,28,000	30,69,28,000
	17,85,05,000	17,74,99,000	1,24,36,000	32,31,000	...	17,85,05,000	17,74,99,000	1,24,36,000	1,24,36,000

Preliminary Accounts, 1902-1903.	Budget, 1903-1904.	1902-1903.	1903-1904.	1902-1903.	1903-1904.	1902-1903.	1903-1904.	1902-1903.	1903-1904.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Expenditure.									
Direct Demands on the Revenues									
Interest (including in India that on Capital Expenditure on Railways and Irrigation Works)	11,40,59,000	12,50,10,000	3,44,07,000	4,63,69,000	1,21,56,000	...	...	...	...
Post Office, Telegraph, and Mint	3,99,38,000	4,78,44,000	8,57,73,000	86,71,000	4,08,000	...	...	...	...
Salaries and Expenses of Civil Departments	3,36,41,000	3,68,13,000	66,79,000	71,65,000	4,86,000	...	...	...	...
Miscellaneous Civil Charges	16,44,85,000	17,49,32,000	3,72,86,000	3,90,14,000	17,23,000	...	...	...	...
Famine Relief and Insurance	8,94,18,000	8,76,84,000	64,27,000	67,61,000	3,24,000	...	...	...	...
Railway Revenue Account (excluding in India Interest on Capital Expenditure)	61,66,000	1,49,93,000	21,15,000	6,44,000	...	...	...	...	1,47,1,000
Irrigation ditto	15,47,59,000	15,26,10,000	3,60,45,000	3,59,95,000	...	...	...	...	...
Other Public Works	2,37,46,000	2,60,50,000	58,87,000	55,85,000	3,01,000	...	...	...	...
Army Services	7,50,10,000	8,02,41,000	1,02,40,000	1,16,81,000	14,41,000	...	...	...	...
Special Defence Works	17,94,99,000	18,00,46,000	4,04,43,000	4,50,91,000	40,47,000	...	...	...	...
TOTAL EXPENDITURE, IMPERIAL AND PROVINCIAL	81,87,09,000	87,77,23,000	18,71,02,000	20,69,72,000	1,98,70,000	...	...	...	...
444—Provincial Surpluses: that is, portion of allotments to Provincial Governments not spent by them in the year									
Debit—Provincial Deficits: that is, portion of Provincial Expenditure defrayed from Provincial balances	...	...	...	...	...	...	...	...	...
TOTAL EXPENDITURE CHARGED AGAINST REVENUE	81,87,09,000	87,77,23,000	18,71,02,000	20,69,72,000	1,98,70,000	...	...	...	...
Railway and Irrigation Capital not charged to Revenue.									
Capital Outlay on Railways and Irrigation Works	3,44,67,000	3,20,70,000	1,05,58,000	1,32,34,000	26,75,000	...	...	...	...
Capital Charge involved in Redemption of Liabilities	1,50,98,000	1,00,98,000	49,18,000	96,62,000	12,56,000	...	...	...	...
Capital of Railway Companies (net payments)	4,95,05,000	4,21,08,000	1,54,76,000	1,08,96,000	14,20,000	...	...	...	...
TOTAL	...	...	...	...	...	...	...	...	...
Debt, Deposits, and Advances.									
Permanent Debt (net discharged)	...	...	94,000	24,000	70,000	...	...	...	...
Temporary do. (do.)	...	...	...	...	...	...	...	...	...
Unfunded do. (do.)	...	...	...	...	...	...	...	...	...
Deposits and Advances (net)	1,00,51,000	71,02,000	39,05,000	...	39,05,000	...	...	...	...
Loans and Advances by Imperial Government	87,14,000	50,43,000	25,99,000	...	25,99,000	...	...	...	...
do. by Provincial Governments	...	86,16,000	21,74,000	...	21,74,000	...	...	...	...
Capital Accounts of Local Boards (net payments)	2,59,03,000	63,41,000	2,06,87,000	7,04,000	1,99,83,000	...	...	...	...
Remittances (net)	27,09,00,000	25,00,00,000	5,80,47,000	7,59,61,000	1,79,14,000	...	...	...	...
Secretary of State's Bills paid	80,000	—4,200	1,92,000	1,42,000	48,000	...	...	...	...
Do do exchange	...	...	...	...	...	...	...	...	...
TOTAL	32,16,51,000	28,39,03,000	8,76,92,000	8,17,153,000	59,39,000	...	...	...	...
TOTAL DISBURSEMENTS	1,18,98,65,000	1,18,30,42,000	29,02,70,000	30,56,21,000	1,53,51,000	...	...	...	...
Closing Balance	18,03,06,000	17,24,44,000	18,26,26,000	18,25,43,000	83,000	...	...	...	...
GRAND TOTAL	1,37,06,71,000	1,35,54,86,000	47,28,96,000	48,81,64,000	1,53,58,000	...	...	...	...

W. H. MICHAEL,
Offg. Comptroller-General.

The 20th August 1903.

GOVERNMENT OF INDIA. DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 20th August 1903.

NOTIFICATIONS.

No. 2670 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 15th August 1903:—

No. 342 of 1903.—Hans Goldschmidt, doctor of chemistry, of Essen on the Ruhr, in the German empire. *Improvements in moulds for joining rails or the like by the aluminio-thermical process.*

No. 343 of 1903.—Gustav Müller, baker, of No. 37, Waldemar-strasse, in the city of Berlin, in the kingdom of Prussia, in the German empire. *Improvements in the treatment of coco-nut butter.*

No. 344 of 1903.—K. S. Rengachari, merchant, No. 2, Mall street, Madura. *Improvements in hand looms for weaving textile fabrics.*

No. 345 of 1903.—Phillip Castle, of "Fallowfield," Cranes park, Surbiton, in the county of Surrey, England, and Roger Dawson, of 8, Berners street, in the county of London, England, assignees of Sigmund Adolf Rosenthal. *Improvements in and relating to burners.*

No. 346 of 1903.—William Oliphant, engineer, of 115, Bothwell street, Glasgow, Scotland, and Herbert Samuel Elworthy, chemical engineer, of 239, Dashwood House, New Broad street, London, England. *A process and apparatus for the manufacture of white lead.*

No. 347 of 1903.—Henry Batten Huddleston and Gerald Annesley Glascott, both in the employ of the Burma Railways Company, Limited, residing in Rangoon. *The interlocking of points and signals at stations on single-line railways, to be known as the "H and G" system.*

No. 2671 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

No. 466 of 1902.—Fawcett, Preston and Company, Limited, engineers, of 17, York street, Liverpool, in the county of Lancaster, England. *Improvements in hydraulic pumps.* (Specification filed 29 July 1903.)

No. 507 of 1902.—Robert Robertson and William Rintoul, analytical chemists, both of Oxford villas, Waltham Abbey, in the county of Essex, England. *Improvements relating to the manufacture of explosives, celluloid and the like.* (Specification filed 11 August 1903.)

No. 522 of 1902.—George Harrison Sheffield and James Denis Twinberrow, engineers, both of 15, New Bridge street, Newcastle-on-Tyne, England. *Improvements in connection with doors, and apparatus therefor, for use upon hopper wagons.* (Specification filed 11 August 1903.)

No. 4 of 1903.—Mirza Mohamed Ali Khan, member of council, Tonk state, Rajputana, British India. *Improvements in apparatus for giving a rotary motion specially suitable for working punkahs and the like.* (Specification filed 8 August 1903.)

No. 5 of 1903.—George Gibbs, electrical engineer, c/o Rapid Transit Subway Construction Company, Park row building, city, county and state of New York, United States of America. *Improvements in signalling systems for electric railways.* (Specification filed 10 August 1903.)

- No. 6 of 1903.—Peter Cooper Hewitt, scientist, of 11, Lexington avenue, New York, United States of America. *Improvements in the method of and means for obtaining unidirectional current from a single-phase or poly-phase alternating current source.* (Specification filed 10 August 1903.)
- No. 20 of 1903.—Thomas Johnson Britten, mine manager, residing on the property of the Wolhuter Gold Mining Company, Limited, Witwatersrand Gold Fields, Transvaal. *Improvements in apparatus for laying or settling the dust or pulverised rock created in the boring and blasting of holes in mining.* (Specification filed 11 August 1903.)
- No. 35 of 1903.—Ardeshir Muncherji Dastur, mechanical engineer, of Jalna, Nizam Hyderabad, India. *Improvements in cotton gins.* (Specification filed 8 August 1903.)
- No. 133 of 1903.—Louis Joseph Renoy, manufacturer, at Auch, department of Gers, in the republic of France. *Improvements in saucepans.* (Specification filed 11 August 1903.)
- No. 166 of 1903.—Tore Gustaf Emanuel Lindmark, engineer, of Bjorkhagen, Langholmen, Stockholm, Sweden. *Improvements in elastic fluid turbines.* (Specification filed 11 August 1903.)
- No. 172 of 1903.—S. J. Shillingford, indigo planter, at present residing at Hazaribagh, in British India. *Improved means for securing the ends of trousers for cycling, etc.* (Specification filed 11 August 1903.)
- No. 240 of 1903.—Arthur Walker, merchant, of 159, Broadway, Madras. *Improved shafts-supporters for preventing carriage accident and horses falling.* (Specification filed 11 August 1903.)
- No. 253 of 1903.—Edmund Edwards, chartered patent agent, of 65 and 66, Chancery lane, London, England. *Improvements in apparatus for the separation of precious particles of gold or other relatively precious metals and their recovery from the body of pulp or other material with which they are allied.* (Specification filed 10 August 1903.)
- No. 270 of 1903.—William Peto, electrical engineer, of 55 and 57b, Hatton garden, London, England, and James William Thomas Cadett, photographic dry plate manufacturer, of Crampshaw works, Ashted, Surrey, England. *Improvements in electric accumulators.* (Specification filed 12 August 1903.)

No. 2672 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

- No. 167 of 1894.—Robert Alexander Sloan and John Edward Lloyd Barnes. *Improvements in apparatus for sealing cans or other containing vessels.* (From 28 July 1903 to 28 July 1904.)
- No. 76 of 1897.—Friedrich Hermann Schule. *Improvements in and relating to the oscillating supports of shaking sieves.* (From 31 August 1903 to 31 August 1904.)
- No. 37 of 1898.—Alpha Francis Cothias. *An improved process of casting for reducing the density of cast articles.* (From 22 August 1903 to 22 August 1904.)
- No. 258 of 1898.—Tito Livio Carbone. *An apparatus for making sheet metal boxes.* (From 31 August 1903 to 31 August 1904.)
- No. 141 of 1899.—Neilson Burgess. *Improvements in apparatus for exercising horses and other animals on board ship, and for like purposes.* (From 2 October 1903 to 2 October 1904.)
- No. 379 of 1899.—Henry James Kimman and Edward Nash Hurley. *Improvements in portable pneumatic drills and like tools.* (From 16 May 1904 to 16 May 1905.)

No. 2673 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

- No. 478 of 1898.—Walter Ernest Hutchinson and Arthur Edward Newton. *Improvements in derricks.* (Specification filed 10 May 1899.)

No. 70 of 1899.—Emil Carl Boeckh. *Improvements in combined display-table and case.* (Specification filed 10 May 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs 50 for each of the above inventions.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,

Secretary under the Inventions and Designs Act, 1888.

PUBLIC WORKS DEPARTMENT.

NOTIFICATION.

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal:—

- | | |
|-------------------|------------------------------|
| 1. Engineers. | 5. Press workers. |
| 2. Overseers. | 6. Photo-Mechanical workers. |
| 3. Sub-Overseers. | 7. Mechanical apprentices. |
| 4. Draftsmen. | 8. Metal and wood carvers. |

E. ATKINSON, Captain, R.E.,
Officiating Principal, Thomason College.

BANK OF BENGAL—PUBLIC DEBT OFFICE.

Statement of Government Promissory Notes enfaced for payment of Interest in London, under deduction of amount re-transferred to India, and outstanding in the Books of the Bank of Bengal on the 15th August 1903.

PARTICULARS.	3 1/2 PER CENT. LOANS				4 PER CENT. LOANS					4 1/2 PER CENT. LOANS			GRAND TOTAL.				
	37 1/2 CENTS OF 1894-97.	of 1894-95.	of 1895.	of 1870.	of 1892-94.	of 1900-01.	Total.	of 1893-95.	of 1893-96.	of 1893-95.	Transfer of 1895-96.	Reduced 4 per cent. Loan of 1870.		Total.	of 1870.	Transfer of 1870.	Total.
Balance of 31st July 1903	2,24,07,000	1,70,00,400	2,49,33,700	1,27,31,700	100	21,80,600	11,23,33,800	6,034	5,000	15,500	40,800	5,700	73,934	5,000	20,500	31,500	18,23,33,274
Added— Amount of "transferred to in London"																	
Amount enfaced at Madras up to 8th August 1903		700					700										
Amount enfaced at Bombay up to 8th August 1903	2,03,100		17,000			3,000	70,000										2,74,100
Amount enfaced at Calcutta between 1st and 15th August 1903		17,000	11,000	4,500		5,000	3,10,300										3,40,300
Amount written off in the London Register	2,26,00,100	1,81,17,300	2,49,58,300	1,27,31,700	100	21,80,600	11,23,33,800	6,034	5,000	15,500	40,800	5,700	73,934	5,000	20,500	31,500	18,23,33,274
Balance on 15th August 1903	34,000	1,09,000	30,800	1,54,600			11,30,800										1,54,600
	2,28,575,000	1,70,09,400	2,49,28,100	1,28,81,700	100	21,80,600	11,30,800	6,034	5,000	15,500	40,800	5,700	73,934	5,000	20,500	31,500	18,23,33,274

Note.—From 9th June 1897 to 15th June 1903, enfaced from India 12,191 lakhs, re-transferred from London 10,602 lakhs.

PUBLIC DEBT OFFICE,
BANK OF BENGAL;
Calcutta, the 17th August 1903.

W. D. CRUICKSHANK,
Secretary and Treasurer.

Balance against India 467 lakhs.

10,674 lakhs.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 18th August 1903.

LIABILITIES.			ASSETS.		
	R	s. p.		R	s. p.
Capital paid up	2,00,00,000	0 0	Government Securities	1,86,49,552	0 0
Reserve Fund	1,21,50,000	0 0	Other authorised Investments	38,54,629	0 0
Public Deposits			Loans on Government and other authorised Securities	2,59,50,934	4 7
at Head Office	64,36,969	10	Accounts of Credit on Government and other authorised Securities	1,71,80,944	15 10
Public Deposits			Bills discounted and purchased	1,79,41,947	10 0
at Branches	83,73,402	13 6	Balances with other Banks	1,49,4,743	1 3
Other Deposits at Head Office and Branches.	8,33,32,870	13 8	Bullion	1,263	9 7
Bank Post Bills, etc.	3,14,977	15 5	Dead Stock	18,09,150	0 11
Sundries	16,87,855	12 2	Stamps	11,736	8 1
			Sundries	10,40,414	7 3
				8,79,65,315	9 6
			Cash and		
			Currency		
			Notes at		
			Head		
			Office*	2,31,38,565	12 6
			Cash and		
			Currency		
			Notes at		
			Branches†	2,11,92,195	1 7
RUPES	13,22,96,076	7 7	RUPES	13,22,96,076	7 7
* Includes Sova and † Sova, value				1,31,055	0 0
† Do. do. do.				1,35,292	8 0
				2,87,347	8 0

By order of the Directors,

BANK OF BENGAL,
Calcutta, 20th August 1903.H. F. FRESHWATER,
Offg. Chief Accountant.
Rate for Demand Loans 4 per cent.
Percentage 44'26.W. D. CRUICKSHANK,
Secretary and Treasurer.

ORDERS BY THE SYNDICATE OF THE CALCUTTA UNIVERSITY.

The undermentioned candidates have passed the B. E. Examination :—

FIRST DIVISION.

(In order of Merit).

1. Basu, Prabodhchandra	C. E. College, Sibpur.
2. Bandyopadhyay, Sailendranath	Ditto.
3. Sen, Jatindranath	Ditto.
4. Williamson, N. A.	Ditto.
5. Basu, Nanibhushan	Ditto.
6. Hui, Rasiklal	Ditto.

SECOND DIVISION.

(In order of Merit).

1. Raychaudhuri, Samares	C. E. College, Sibpur.
2. Ghosh, Ramranjan	Ditto.
3. Bhawani, Jatadhari	Ditto.
4. Bhuyan, Arjun	Ditto.
5. S. M. Abdul Aziz	Ditto.
6. Bhattacharyya, Basantakumar	Ditto.

K. C. BANURJI,
Registrar, Calcutta University.SENATE HOUSE;
The 20th August 1903.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 19th August 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 15th August 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as Security for Notes under Act VIII of 1900.	TOTAL.
	₹	₹	₹	₹	₹	₹	₹	₹
Calcutta . . .	2,74,40,000	11,05,00,865	14,70,30,865	5,73,04,307	87,22,07,000	...	...	12,96,01,207
Allahabad . . .	...	2,52,41,160	2,52,41,160	1,20,04,166	5,48,047	...	...	1,25,52,213
Lahore . . .	...	3,00,40,765	3,00,40,765	34,87,012	8,89,118	...	...	63,76,130
Bombay . . .	2,12,45,980	8,23,76,570	10,36,22,550	1,09,87,607	5,69,74,747	...	...	7,89,62,354
Karachi . . .	...	1,29,58,625	1,29,58,625	26,20,100	15,35,625	...	...	41,55,725
Madras . . .	25,54,665	2,52,67,470	2,78,22,135	83,23,755	1,28,61,000	...	...	2,11,85,655
Calicut . . .	...	20,80,725	20,80,725	11,73,035	72,725	...	...	12,45,830
Rangoon . . .	...	1,42,19,230	1,42,19,230	2,02,07,360	9,07,575	...	...	2,12,54,935
	5,12,50,645	32,24,84,710	37,37,35,355					
Deduct— Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			3,91,300					
TOTAL ₹			37,33,44,055	12,71,27,302	14,61,46,807	...	...	27,33,44,109
Deduct— Amount due on Bills drawn by one circle on another								NIL.
NET TOTAL ₹								27,33,44,109
Price paid for Government Securities of the nominal value of ₹10,20,81,500 held under Section 19 of the Indian Paper Currency Act, XX of 1882								000,00,916
GRAND TOTAL ₹								37,33,44,055

₹ 51,255 (63,417) was transferred in gold from the Paper Currency Reserve to the Gold Reserve Fund on the 13th August 1903.

W. H. MICHAEL,
Offg. Head Commissioner of Paper Currency.

BOARD OF EXAMINERS.

NOTICE.

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price R6. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

SURVEY OF INDIA, TRIGONOMETRICAL BRANCH.

NOTIFICATION.

Dehra Dūn, the 18th August 1903.

No. 29.—Mr. R. F. Warwick, Extra Assistant Superintendent, 4th grade, is granted privilege leave for one month and nine days, under the provisions of Article 260 of the Civil Service Regulations, 4th edition, with effect from the 1st September 1903.

J. ECCLES, M.A.,
Offg. Superintendent, Trigonometrical Survey.

AGENT TO THE GOVERNOR GENERAL FOR CENTRAL INDIA.**NOTIFICATION.**

Central India Agency, Indore, the 12th August 1903.

No. 7286.—Major D. J. O. Taylor, Officiating Cantonment Magistrate at Nowgong, is granted privilege leave for one month and twenty days, with effect from the 24th August 1903, or the subsequent date on which he may avail himself of it.

Captain W. C. R. Farman, R.G.A., will perform the duties of the Cantonment Magistrate at Nowgong during the absence of Major Taylor, in addition to his own duties.

By order,

W. E. JARDINE,

First Assistant to the Agent to the
Governor General in Central India.

**INDIAN MUSEUM.
INDUSTRIAL SECTION.****NOTIFICATION.**

Calcutta, the 18th August 1903.

No. 218-II.—In continuation of this office Notification No. 165-II, dated the 16th July 1903, Mr. Otto Reinherz, B.A., A.I.C., is appointed, with effect from the 15th August 1903, to take charge of the duties of the Curator of the Indian Museum, Industrial Section, during the absence of Mr. D. Hooper on privilege leave.

By order,

I. HENRY BURKILL,

Secretary to the Trustees.

GEOLOGICAL SURVEY OF INDIA.**NOTIFICATION.**

Calcutta, the 14th August 1903.

No. 1032.—Mr. P. N. Datta, Deputy Superintendent, Geological Survey of India, is granted privilege leave for six weeks, under Articles 246 and 260 of the Civil Service Regulations, with effect from the 17th instant, or subsequent date.

T. H. HOLLAND,

Director, Geological Survey of India.

GANGES BRIDGE SARA SURVEY, EASTERN BENGAL STATE RAILWAY.**NOTIFICATION.**

Krishnagar, the 16th August 1903.

No. 3.—Lieutenant, G. J. Watt Smyth, R.E., Assistant Engineer, 1st grade, Ganges Bridge Sara Survey, resumed his duties from the special leave in India for three months, on the afternoon of 1st August 1903, as he availed himself of the leave only for two months and eight days, the remaining portion of his leave (*vis.*, 23 days) has been cancelled.

J. E. GABBETT,

Officiating Engineer-in-Chief

THE HONOURABLE THE RESIDENT IN MYSORE.

NOTIFICATION.

Bangalore, the 13th August 1903.

No. 3811.—Under the provisions of section 6 of the Land Acquisition Act 1 of 1894 as applied to the Civil and Military Station of Bangalore, it is hereby declared that the land described in the annexed schedule, situated within the limits of the Civil and Military Station of Bangalore, is required for a public purpose, namely, for a rubbish depot :—

SCHEDULE.

Name of village.	Name of owner.	Survey No.	Approximate area required.	BOUNDARIES.			
				North.	South.	East.	West.
Daddigunba	Shikeri Muniya.	111	1 acre 4817 square yards and 4 square feet.	Channel and B. Narasimiah's land.	Channel and Krishnappa's and Gara Rayappa's land.	Shikeri Muniappa's land.	Harichendra temple and well.

By order,

R. M. KING,

First Assistant Resident.

THE HONOURABLE THE AGENT TO THE GOVERNOR-GENERAL
AND INSPECTOR-GENERAL OF POLICE IN BALUCHISTAN.

NOTIFICATIONS.

Quetta, the 10th August 1903.

No 485-P.—The Hon'ble the Agent to the Governor General and Inspector-General of Police in Baluchistan is pleased to grant a further extension of 2 months' furlough to Mir Hazar Khan, Assistant District Superintendent, Police, Quetta-Pishin Police Force, in continuation of the 6 months' furlough granted to him in this office No. 112-P., dated 12th February 1903.

No. 489-P.—In consequence of the grant of 2 months' further extension of furlough to Mir Hazar Khan, Assistant District Superintendent, Police, Quetta-Pishin Police Force, in continuation of 6 months' furlough granted to him in this office order No. 112-P., dated 12th February 1903, the Hon'ble the Agent to the Governor General and Inspector-General of Police in Baluchistan is pleased to order that the officiating appointments notified in this office Notification No. 916-P., dated 6th November 1902, will continue till Mir Hazar Khan's return from furlough.

By order,

A. D. MACPHERSON, Capt.

Third Assistant.

H B 2

POST OFFICE.

NOTIFICATION.

Simla, the 12th August 1903.

No. 684-S.-Ap.—Mr. P. A. Krishnamachari, B.A., Superintendent of post offices, 4th grade, is granted privilege leave for two months, with effect from the 1st August 1903.

Mr. N. Purushothama Naidu, B.A., is appointed to act as Superintendent of post offices, 4th grade, during the absence on privilege leave of Mr. P. A. Krishnamachari, or until further orders.

H. M. KISCH,

Offg. Director-General of the Post Office of India.

TREASURE TROVE.

NOTICE.

CASE NO. 1 OF 1903-04.

It is hereby notified under section 5 of Act VI of 1878 that on the 18th June 1903, the idols, etc., weighing about 3,096½ seers and valued at Rs 580-10-3 as noted below were found by one Saminadhan, one of the coolies engaged by Pambayan alias Alaga Nadan, of Tirunageswaram, Kumbakonam Taluk, a lessee of the temple lands in S. No. 397 registered as Inam dry land of Sannapuram Vattam belonging to Sri Naganadhasawmi temple of Tirunageswaram while digging and levelling the said lands.

List showing the names, value and weight of idols found in the Tirunageswaram Treasure Trove Case.

No.	Description of Idols.	Weight in seers.	Value.		
			Rs.	a.	p.
1	Bikshayandavar Nayahar	375	70	5	0
2	Chandrasekarar	313	58	21	0
3	Subramania Swami	283½	53	3	0
4	Natesar, big size, and Tiruvasi, half broken	316	59	4	■
5	Natesar, smaller	155	29	1	0
6	Ditto, including Tiruvasi	152	28	8	0
7	Sundreswarar	193½	36	4	6
8	Chandrasekarar Amman	137½	25	11	9
9	Naharaja	110	20	10	0
10	Chandrasekarar, small size	61½	11	7	9
11	Sivakami Amman	90	16	14	0
12	Ditto ditto	69½	12	15	9
13	Chandikeswarar	54½	10	4	3
14	Sivakami Amman	53½	9	15	9
15	Chandrasekarar Amman	38½	7	4	3
16	Krishnamurti	51	9	9	0
17	Somaskandamurti	70½	13	3	0
18	Suryan	39½	7	7	3
19	Manikkavachakar	42½	8	0	3
20	Subramaniaswami Amman	58	10	14	■
21	Sundaramurti	39½	7	7	3
22	Krishnan	32	6	■	0
23	Prathoshanayakar	23½	4	7	3
24	Rashisanger	39½	7	7	3
25	Somaskandamurti Aruhamman	48	9	0	0
26	Chandrasekarar	36	6	12	0
27	Krishnan	40	7	8	0
28	Female statue	23½	4	5	9
29	Chandrasekaraswami Amman	17½	3	4	2
30	Astar Devar	46½	8	11	6
31	Ditto	29	5	7	0
32	Four cornered Peetam	21	3	15	0
33	Astar Devar Peetam	16½	3	1	6
34	Ditto ditto	12½	2	5	1
35	Tiruvasi, smaller size	7	1	5	0
TOTAL		3,096½	580	10	3

2. All persons claiming the said treasure or part thereof are hereby [required to appear personally or by agent before the Collector of Tanjore at his office on the 9th January 1904, in view to the matter being enquired into and determined according to law.

H. D. TAYLOR,
Acting Collector.

TANJORE COLLECTOR'S OFFICE,
1st August 1903.

TREASURE TROVE.**NOTICE.**

In accordance with the provisions of section 5 of Act VI of 1878, notice is hereby given to all whom it may concern that on 22nd April 1902 certain treasure, consisting of gold coins (two whole coins and three broken pieces) of the approximate value of Rs 21-9-0 was found buried under ground in Survey No. 25, Pot No. 5, situated in the village of Dabhol, Taluka Dapoli, District Ratnagiri. One of the whole coins bears an inscription of "سُلْطَانُ اَبْدَالْكَااِمِ سُلْطَانُ" in Arabic character. The inscriptions on the other coin and on the three pieces are illegible.

All persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent before the Mamlatdar of Dapoli in the Ratnagiri District on the 25th January 1904, at 12 noon, at Camp Dapoli, when the Mamlatdar will proceed to hold an enquiry in accordance with the provisions of the Act.

J. K. N. KABRAJI,
Acting Collector, Ratnagiri.

RATNAGIRI,
The August 1903.

REPORT OF DESERTION.

Report of a Deserter or Absentee without leave from the 1st Battalion, Leicestershire Regiment of Infantry, dated at Fort St. George, this 15th day of August 1903.

Number, Rank, and Name,—5869, Private Michael Pearlman.	Place of enlistment,—Aldershot.
Age,—23 years and 76 days.	Parish and county in which born,—St. Marks, London, Surrey.
Height,—5 feet 8 inches.	Date of desertion or absence,—13th August 1903.
Colour of,—Complexion, fresh; hair, light brown; eyes, grey.	Place of desertion or absence,—Fort St. George, Madras.
Trade,—Horse-keeper.	Marks,—Left forearm "N."
Date of enlistment,—31st May 1900.	Under four years' service.

J. G. L. BURNETT, Lieut.-Col.,
Commanding 1st Battalion, Leicestershire Regiment.

Report of a Deserter or Absentee without leave from the 3rd Battery, Royal Field Artillery, dated at Peshawar, this 16th day of August 1903.

Number, Rank and Name,—79792-R. A., Trumpeter Chas. James Craig.	Place of enlistment,—Dublin, Ireland.
Age,—27 years 2 months.	Parish and county in which born,—London, Middlesex.
Height,—5 feet 4½ inches.	Date of desertion or absence,—9th August 1903.
Colour of,—Complexion, fresh; hair, brown; eyes, grey.	Place of desertion or absence,—Peshawar, Punjab, India.
Trade,—Nil.	Marks,—Mole on back. A large fair moustache.
Date of enlistment,—28th June 1890.	Under 14 years' service.

W. E. RUDKIN, Captain, R. F. A.,
Commanding 3rd Battery, Royal Field Artillery.

In accordance, with instructions received from Station Staff Officer, Peshawar, the following descriptive roll of No. $\frac{R.A.}{79792}$ Trumpeter C. J. Craig, is published for general information.

This man disappeared from barracks on Sunday, 9th August, about 5 A.M., and has not since been seen. He was dressed in Khaki overalls, helmet, white shirt, no coat.

He was seen to jump into the canal about 2 P.M. that day, and was pulled out by some natives. He was then seen to move off in direction of the Budui River.

I have very little doubt that the man has drowned himself as he was in a depressed condition, owing to bad news received from his relations at home.

The police were immediately informed and are still searching and dragging the rivers and canals, but up to date without success. My instructions are to treat the case as one of desertion, under paragraphs 131 and 132, Army Regulations, India, Volume II, Part B.

W. E. RUDKIN, Captain, R. F. A.,
Commanding 3rd Battery, Royal Field Artillery.

**THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.**

NOTIFICATIONS.

Peshawar, the 12th August 1903.

No. 176.—Captain T. A. Granger, I.M.S., assumed charge of the civil medical duties of Hazara District on the afternoon of the 20th of July 1903, relieving Captain J. L. MacInnes, I.M.S.

No. 177.—Captain J. L. MacInnes, I.M.S., made over charge of duties of the Superintendent of Abbottabad Jail to Captain T. A. Granger, I.M.S., on the afternoon of the 20th July 1903.

LEAVE.

The 13th August 1903.

No. 178.—Mr. H. A. Close, District Superintendent of Police, Peshawar, is granted privilege leave for one month under Article 260, Civil Service Regulations, with effect from 27th August 1903, or such subsequent date as he may avail himself of it.

APPOINTMENT.

The 13th August 1903.

No. 179.—Mr. C. Stead, Assistant District Superintendent of Police, is appointed to officiate as District Superintendent of Police, Peshawar, during the absence on leave of Mr. H. A. Close.

RESUMPTION OF CHARGE.

The 18th August 1903.

No. 180.—On return from the privilege leave of absence granted to him in Notification No. 154, dated 18th July 1903, Mr. H. D. Watson resumed charge of the duties of Settlement Officer, Hazara, on the forenoon of the 6th August 1903.

By order,

F. W. JOHNSTON,

Offg. Secretary to the Chief Commissioner,
N.-W. F. Province

REVENUE COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.

NOTIFICATIONS.

REVERSION.

Nathiagali, the 11th August 1903.

No. 2-H.—Kazi Muhammad Yusaf, Tahsildar, 4th grade, sub. *pro tem.*, is reverted to Naib Tahsildar, 1st grade, with effect from the 15th of August 1903, but for the present will continue to officiate as a Tahsildar.

APPOINTMENT.

The 11th August 1903.

No. 3-H.—Munshi Sayad Ahmad, Naib Tahsildar, 1st grade, is appointed Tahsildar, 4th grade, sub. *pro tem.*, with effect from the 15th of August 1903, vice Kazi Muhammad Yusaf, reverted.

M. F. O'DWYER,

Revenue Commissioner, N.-W. F. Province

REVENUE AND FINANCIAL SECRETARY TO CHIEF COMMISSIONER,
NORTH-WEST FRONTIER PROVINCE.

NOTIFICATION.

Peshawar, the 14th August 1903.

No. 882-A.—Under the provisions of section 194 (b) of the Punjab Municipal Act, XX of 1891, the Chief Commissioner declares his intention of including within the Municipality of Buffa, in the Hazara District, so much of the area comprised within the following boundaries as is not already included within the Municipal area as defined in Punjab Government Notification No. 61 of 27th January 1886.

North.—Places called Khargara and Kurt-Kanra.

East.—Sukki Kassi.

South.—Sirau stream.

West.—Tarnawala ravine.

Any inhabitant of the Buffa Municipality, or of the above area which it is proposed to include within that Municipality, objecting to the foregoing proposed alteration must submit his objection in writing through the Deputy Commissioner to the Local Government within six weeks from the date of the publication of this notification.

M. F. O'DWYER,

Revenue and Financial Secretary to Chief Commissioner,
N.W. Frontier Province.

NORTH-WEST FRONTIER PROVINCE BOARDS AND COMMITTEES
DEPARTMENT.

NOTIFICATIONS.

COMMITTEES.

Peshawar, the 18th August 1903.

No. 898-A.—The following Bye-laws under section 137 of the Punjab Municipal Act, 1891, which have been adopted by the Municipal Committee of Abbottabad, and confirmed by the Local Government under section 146 (1) of the said Act, are published for general information and will come into force six weeks from the date of the publication of this Notification.

Bye-laws.

1. No person shall manufacture or prepare for sale any preparation of milk including cream, butter, clarified butter, butter milk, curds, whey condensed milk and cheese except in premises licensed for this purpose by the Committee.

2. No person shall sell or import for sale any milk or butter unless licensed by the Committee in this behalf.

3. The licenses issued under the foregoing bye-laws shall expire on 31st March in each year, and no business shall be carried on under them after that date unless they are renewed by the Committee.

4. A breach of any of the foregoing bye-laws shall entail the revocation of the license at the discretion of the Committee, and shall, in addition to this, be punishable with a fine which may extend to Rs. 50, and when the breach is a continuing breach, with a further fine which may extend to five rupees for every day after the first day during which the breach continues.

5. The licenses issued under bye-laws 1 and 2 shall be granted on the following conditions:—

(a) That on the demand of a person authorised by the Municipal Committee in this behalf the licensee shall allow an inspection of his license and (where the license has been issued under bye-law No. 1 of his license) of his premises as well.

(b) that the licensee shall comply with any general or special directions issued by the Municipal Committee to ensure the wholesomeness of the articles manufactured, sold or imported under his license.

6. The breach of the conditions prescribed under bye-law 5 will entail the suspension and revocation of the license at the discretion of the Committee.

No. 890-A.—Whereas the Municipal Committee of Abbottabad, at a special meeting held on 13th June 1903, has proposed the imposition of the following tax within the Municipality, namely:—a tax, under section 42 (1) (a) (b) of Act XX of 1891, of rupee one per annum, on persons carrying on trade, for which licenses are required under the bye-laws framed under section 137 of the Municipal Act, 1891; and whereas no objections to the imposition of the tax have been preferred:

It is hereby notified with reference to section 45 (5) of Act XX of 1891, that this proposal is sanctioned by the Local Government.

M. F. O'DWYER,

Revenue and Financial Secretary to Chief Commissioner,
N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE.—PUBLIC WORKS DEPARTMENT.

NOTIFICATIONS.

Peshawar, the 6th August 1903.

No. 64.—Whereas it appears to the Hon'ble the Agent to the Governor General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, construction of Chief Commissioner's residence at Nathia Galli.

It is hereby declared that the undermentioned land is required for the said purpose:—

Specification of Land.

DISTRICT.	Parganah.	Mauzah.	Area in acres.	Direction.	Boundaries.	Place where the plans may be inspected.
Hazara .	Abbottabad .	Bagan .	6.41	...	Government Forest reserve on all sides.	Plans can be seen in the office of Garrison Engineer, Abbottabad.

This declaration is made under the provision of section 6, Act I of 1894, and under section 7 of the said Act, the Deputy Commissioner, Hazara, is hereby directed to take order for the acquisition of the land specified above.

No. 65.—Whereas it appears to the Hon'ble the Agent to the Governor General and Chief Commissioner, North-West Frontier Province, that land is required by Government for a public purpose, namely, for improvements to Hazara Trunk Road, 2nd Section, Miles 11 and 12.

It is hereby declared that the undermentioned land is required for the said purpose:—

Specification of Land.

DISTRICT.	Parganah.	Mauzah.	Area in acres.	Direction.	Boundaries.	Place where the plans may be inspected.
Hazara .	Manshra .	Tanan .	1.09	North and south close to Abbottabad Manserah Road.	Cultivated and waste land belonging to village of Tanan.	The plans can be seen in the office of Garrison Engineer, Abbottabad, Sub-District at Abbottabad.

This declaration is made under the provision of section 6, Act I of 1894, and under section 7 of the said Act; the Deputy Commissioner, Hazara District, is hereby directed to take order for the acquisition of the land specified above.

F. H. OLDFIELD, Major, R.E.,
Offg. Secy. to the Hon'ble the Agent to the Governor-General and
Chief Commissioner, N.-W. Frontier Province,
P. W. Department.

NOTICE.

Dated Peshawar, the 11th August 1903.

It is hereby notified that the combined Bannu and Dera Ismail Khan Horse Show for the year 1903-04, will be held at Dera Ismail Khan on the 5th and 6th March 1904, and the undermentioned amounts will be awarded in prizes:—

	R
From Imperial Fund	1,000
From Local and District Fund	1,330

A silver medal will also be awarded to the best branded mare or filly produced at the show.

By order,
RAHIM BAKHSH,
Personal Assistant to Revenue Commissioner,
N.-W. F. Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

NORTH-WEST FRONTIER PROVINCE

the 25th July 1903.

the week ending Saturday,

Weekly Return of Births and Deaths registered at the undermentioned Districts during the week ending Saturday, the 25th July 1903.		Districts.		Municipal Towns.		Population according to the Census of 1901.	Births.		Deaths.		Cause of Death.								Infants under one year of age.				Ratio of deaths per 1,000 of population.	Number.
Number.		Districts.	Municipal Towns.	Males.	Females.		Total.	Males.	Females.	Total.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory diseases.	Diphtheria.	All other causes.	Males.	Females.	Total.	Ratio of births per 1,000 of population.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
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Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 29th July 1903.

By the need Deaths in Municipal Towns.—In the 10 Municipal Towns, 100 births were registered (52 males and 48 females), giving a birth-rate of 32 per mille of population; 84 deaths were registered (41 males and 43 females), giving a death-rate of 27 per mille of population.

W. A. SYKES Lt.-Col., I.M.S.,

W. A. SYKES, Lt.-Col., I.M.S.,
Administrative Medical Officer, North-West Frontier Province.

DIRECTOR-GENERAL, INDIAN MEDICAL SERVICE.**NOTIFICATION.**

Simla, the 17th August 1903.

No. 22.—First Class Military Assistant Surgeon W. D. Bartley, Manager, Medical Store Depôt, Madras Command, is appointed to hold temporary charge of the depôt, with effect from the afternoon of the 10th August 1903, until further orders.

B. FRANKLIN, Surgeon-General,
Director-General, Indian Medical Service.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

	Government officers.	General public.	Postage extra.
	R	R	Annas.
1-pound tin	10	12	8
½ "	5	6	4
¼ "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin,	R16, or post-free, R16-8
½ "	R8, " R8-6
¼ "	R4, " R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

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Monthly Weather Review of India for the months of July and August 1902. By John
Murray, M.A., and Lala Hem Raj (illustrated by 5 plates). Quarto. Paper cover.
R1 per month.

Monthly Weather Review of India for the months of September 1902 to February
1903. By W. L. Dallas (illustrated by 5 plates). Quarto. Paper cover. R1 per month.

Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A.
(illustrated by 6 plates). Quarto. Paper cover. R3.

**LIST OF NEW BOOKS PUBLISHED BY THE GEOLOGICAL
SURVEY OF INDIA DURING THE WEEKS ENDING 8TH AND 15TH
AUGUST 1903.**

Contents and Index to Record, Volumes XXI to XXX. By the Director, Geological
Survey of India. R1.

Memoirs of the Geological Survey of India, Volume XXXIV, Part 3. By R. D.
Oldham, A.R.C.S., F.G.S. R1.

Palaeontologia Indica, Ser. IX, Volume III, Part II, No. 1. By Dr. F. L. Kitchin,
M.A., Ph.D. R2-8.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, AUGUST 29, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's *Gazette*, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777-79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's *Gazette*. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next *Gazette*."

J. P. HEWETT,

Secretary to the Government of India.

Rates of subscription.

	Per annum.
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By order of Government, all subscriptions must be paid in advance.
Applications for the supply of the *Gazette* on the public service should be addressed to the Home Department.

Complaints regarding non-receipt of any number of the *Gazette* should be forwarded within a week after the date on which it is due.

W. ROSS,
Publisher, *Gazette of India*.

GOVERNMENT OF INDIA.
DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 27th August 1903.

NOTIFICATIONS.

No. 2784 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 22nd August 1903:—

- No. 348 of 1903.—Gervase Francis Newport Tinley, lieutenant-colonel of the 1st (The Duke of Connaught's Own) Regiment of Bombay Lancers, residing at Deesa in India. *A box for the carriage of military ammunition and stores in the field.*
- No. 349 of 1903.—John Mathew Pereira, assistant, William Watson and Company, residing at 59, Gunpowder road, Mazagon, Bombay. *A mode of advertising or making known one's business.*
- No. 350 of 1903.—C. B. Winter, captain, Indian Army, political agent, Southern Baluchistan, Karachi, Sind. *A folding waste paper receptacle.*
- No. 351 of 1903.—John William Cook, machinist, of 18, Exchange street, Manchester, in the county of Lancaster, England. *An improved knotter for the use of winders, weavers, reelers, and others for attaching two ends of thread or the like together.*
- No. 352 of 1903.—Edward Schaefer, gentleman, of 114, Elm street, in the city of St. Louis, state of Missouri, United States of America. *Improvements in fire extinguishers.*
- No. 353 of 1903.—Henry Tadwell Davis and Ernest Perrett, engineers, respectively, of 115, Lewisham road, and 103, George lane, Lewisham, in the county of Kent, England. *A new or improved method and apparatus for separating oily and other impurities from water.*
- No. 354 of 1903.—The Regenerated Cold Air Company, manufacturers, a corporation duly organised and existing under the laws of the state of Maine, and having its principal corporation office in the state of Maine, at Portland, in the county of Cumberland, and its main business office at No. 147, Milk street, in the city of Boston, in the county of Suffolk and state of Massachusetts, United States of America. *An apparatus for treating air.*
- No. 355 of 1903.—James Felix Beard, machinist and engineer, of Carmen station, states of Coahuila, Mexico, and Roger Hayne, dry goods commission merchant, of St. Louis, United States of America. *Improvements in machines for removing or separating the fibre contained in vegetable leaves.*
- No. 356 of 1903.—Alexander Harrison Brownley, jeweller, of Onehuga, in the provincial district of Auckland, in the colony of New Zealand. *An improved adjustable tap and gauge for use in connection with metallic receptacles for liquids.*
- No. 357 of 1903.—Charles Coling Budd, carriage and wagon foreman, Southern Maratta Railway, Hubli. *Improvements in carriage door locks.*

No. 2785 P.—SPECIFICATIONS of the under-mentioned inventions have been filed under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

- No. 450 of 1902.—Frederick William Hayes, miller, of Albury, in the state of New South Wales, in the commonwealth of Australia. *An improved automatic punkah for chairs, cots, and the like.* (Specification filed 18 August, 1903.)

- No. 495 of 1902.—Hermann Wolff, merchant, formerly residing at the Grand hotel, in the town of Calcutta, at present absent from British India. *Improvements in hurricane lamps.* (Specification filed 28 July 1903.)
- No. 22 of 1903.—Thomas Edward Mitchell, jute spinner, Wallace works, Dundee, Scotland. *Improvements in the means of actuating shuttles of looms.* (Specification filed 18 August 1903.)
- No. 24 of 1903.—John Thomas Young, coachbuilder, of 120, Bay View street, Williams town, Victoria, Australia, and John Wren, financier, of Studley house, Studley park, Kew, Victoria aforesaid. *An improved automatic spring catch for sliding sashes of windows, louvres, etc.* (Specification filed 18 August 1903.)
- No. 31 of 1903.—William Adoniram Shely and Alda Merrill Shely, manufacturers, both citizens of the United States of America, residing at Louisville, in the county of Jefferson, and state of Kentucky. *A machine for breaking and cleaning fibrous material.* (Specification filed 18 August 1903.)
- No. 33 of 1903.—Charles Henry Schill, merchant, of 117, Portland street, Manchester, in the county of Lancaster, England, and Horace Gastineau Hills, engineer, of Newton iron works, Hyde, in the county of Chester, England. *Improvements in the construction and working of producer gas generators.* (Specification filed 18 August 1903.)
- No. 102 of 1903.—George Harry Hayes, engineer, of 61, Guildford street, Russell square in the city and county of London, England. *Improvements in pneumatic drills and like machines.* (Specification filed 17 August 1903.)
- No. 208 of 1903.—Thomas McDonough, draper, of 41, Griffith street, Richmond, in the county of Bourke, in the state of Victoria, in the commonwealth of Australia. *An improved oil-lamp with air-tube and automatic extinguisher.* (Specification filed 17 August 1903.)
- No. 216 of 1903.—Wladimir Lorence and Victor Lorence, engineers, both of 17, Bathory street, Budapest, in the kingdom of Hungary. *Self-regulating driving gear, particularly applicable to motor cars.* (Specification filed 1st August 1903.)
- No. 282 of 1903.—James McConechy, gas engineer, of No. 173A, St. Vincent street, Glasgow, Scotland. *An improved acetylene gas generator and lamp.* (Specification filed 19 August 1903.)

No. 2786 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

- No. 54 of 1890.—Carl Olof Lundholm and Joseph Sayers. *Improvements in making and applying explosives.* (From 11 September 1903 to 11 September 1904.)
- No. 269 of 1890.—Alfred Noble. *Improvements in the preparation of explosive compounds.* (From 6 October 1903 to 6 October 1904.)
- No. 169 of 1891.—Alfred Noble. *Improvements in the preparation and application of explosive compounds.* (From 6 October 1903 to 6 October 1904.)
- No. 170 of 1891.—Alfred Noble. *Improvements in the preparation of explosive compounds.* (From 6 October 1903 to 6 October 1904.)
- No. 280 of 1893.—George Batchelder. *A combined traffic and dump car.* (From 20 August 1903 to 20 August 1904.)
- No. 220 of 1897.—William Augustus Bailey. *Improvements in portable latrines.* (From 24 August 1903 to 24 August 1904.)
- No. 91 of 1898.—William Crawford Walton. *Native latrines, called "Nagar Patent latrines."* (From 23 August 1903 to 23 August 1904.)
- No. 93 of 1898.—James Wilson. *Improvements in filters.* (From 17 October 1903 to 17 October 1904.)
- No. 438 of 1898.—William Walter Lean. *Improvements in or relating to the secure fastening of spurs.* (From 16 September 1904 to 16 September 1905.)
- No. 439 of 1898.—Robert Francis Gartside Tipping and William Walter Lean. *Improvements in or relating to long-legged boots, tubes, gaiters, or leggings.* (From 12 December 1904 to 12 December 1905.)

No. 9 of 1899.—Wynford Brierley. *Improvements in and connected with apparatus for signalling on railways.* (From 21 August 1903 to 21 August 1904.)

No. 2787 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act, the exclusive privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased :—

No. 20 of 1898.—Saiyed Hadi Husain. *An appliance for clearing off leaves, knots, etc., from the sugarcane to be called the "Chholna."* (Specification filed 15 May 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs 50 for the above invention.

No. 377 of 1897.—Frederick Henry Addis. *Improvements in apparatus for actuating couplings for railway vehicles.* (Specification filed 13 May 1898.)

Fee in respect of the continuance of an exclusive privilege—

4 (b) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—

The sum of Rs 50 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,
Secretary under the Inventions and
Designs Act, 1888.

BANK OF BENGAL.

Statement of the Affairs of the Bank of Bengal for the week ending 25th August 1903.

LIABILITIES.				ASSETS.			
	R	s	p.		R	s	p.
Capital paid up	2,00,00,000	0	0	Government Securities	1,88,71,921	0	0
Reserve Fund	1,21,50,000	0	0	Other authorised Investments	38,54,029	0	0
Public Deposits				Loans on Government and other authorised Securities	2,36,78,765	12	8
at Head Office	67,66,626	6	31	Accounts of Credit on Government and other authorised Securities	1,57,56,795	11	3
Public Deposits				Bills discounted and purchased	1,64,06,038	7	3
at Branches	51,56,457	2	4	Balances with other Banks	15,98,970	14	5
Other Deposits at Head Office and Branches.	8,31,05,538	12	10	Bullion	1,263	9	7
Bank Post Bills, etc.	3,47,034	5	10	Dead Stock	18,09,659	1	11
Sundries	17,47,848	2	0	Stamps	11,650	14	1
				Sundries	10,46,942	5	11
					8,30,36,545	11	1
				Cash and			
				Currency			
				Notes at			
				Head			
				Office*	2,63,95,469	11	3
				Cash and			
				Currency			
				Notes at			
				Branches†	2,29,31,489	6	11
RUPRES	13,23,63,504	13	3	RUPRES	13,23,63,504	13	3

* Includes Sovs. and † Sovs., value R 1,45,475 0 0
 † Do. do. do. = 1,49,640 0 0
 R 2,94,915 0 0

BANK OF BENGAL,
 Calcutta, 27th August 1903.

H. F. FRESHWATER,
 Offg. Chief Accountant.
 Rate for Demand Loans 3 per cent.
 Percentage 40'22.

By order of the Directors,
 W. D. CRUICKSHANK,
 Secretary and Treasurer.

PUBLIC WORKS DEPARTMENT.**NOTIFICATION.**

Roorkee, the 4th December 1901.

A Registry Office for men of the undermentioned grades is kept up by the Principal, Thomason College, Roorkee. Officers and employers of labour requiring men are requested to apply to the Principal :—

- | | |
|-------------------|------------------------------|
| 1. Engineers. | 5. Press workers. |
| 2. Overseers. | 6. Photo-Mechanical workers. |
| 3. Sub-Overseers. | 7. Mechanical apprentices. |
| 4. Draftsmen. | 8. Metal and wood carvers. |

E. ATKINSON, Captain, R.E.,
 Officiating Principal, Thomason College.

BOARD OF EXAMINERS.**NOTICE.**

Specimens of Persian Manuscripts for the use of candidates for the degree of Honour and High Proficiency examinations in Persian, published in facsimile by the Board of Examiners, Fort William, under the authority of the Government of India, Price Rs. 6. Forwarded V. P. P. on application to the Secretary, Board of Examiners, 26, Mangoe Lane.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 25th August 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the 22nd August 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as security for notes under Act VIII of 1900.	TOTAL.
	₹	₹	₹	₹	₹	₹	₹	₹
Calcutta	2,18,10,000	12,34,22,245	14,52,32,245	5,48,03,617	7,22,13,555	...	...	12,70,17,172
Allahabad	...	2,40,60,960	2,40,60,960	1,13,32,873	400,890	...	...	1,17,49,103
Lahore	...	3,03,02,730	3,03,02,730	59,26,262	9,45,853	...	...	68,83,115
Bombay	2,05,89,210	9,01,39,865	11,07,29,585	2,05,76,697	6,30,26,032	...	...	8,37,02,729
Karachi	...	1,26,66,300	1,26,66,300	24,36,325	14,94,180	...	...	39,30,505
Madras	19,95,595	3,65,25,635	3,85,21,230	88,54,715	1,27,95,780	...	...	2,11,50,495
Calicut	...	21,75,585	21,75,585	12,84,390	71,430	...	...	13,55,820
Rangoon	...	1,45,86,795	1,45,86,795	2,07,22,990	9,11,055	...	...	2,16,34,045
	4,43,65,315	33,88,84,015	37,82,70,330					
Deduct—Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			8,63,340					
TOTAL ₹			37,74,150,000	13,55,47,869	15,18,68,175	...	...	27,74,16,044
Deduct—Amount due on Bills drawn by one Circle on another								Nil.
NET TOTAL ₹								27,74,16,044
Price paid for Government Securities of the nominal value of Rs. 430,81,300 held under Section 19 of the Indian Paper Currency Act, XX of 1882								5,99,92,046
GRAND TOTAL ₹								37,74,15,000

W. H. MICHAEL,

Offg. Head Commissioner of Paper Currency.

INDO-EUROPEAN TELEGRAPH DEPARTMENT.

NOTIFICATIONS.

Calcutta, the 21st August 1903.

No. 147.—The following officiating promotions have been sanctioned by the Director-in-Chief, Indo-European Telegraph Department, with effect from the date noted against each, in place of Messrs. J. H. C. Kelly and G. W. Mungavin, Assistant Superintendents, granted privilege leave :—

Name	From	To	Date.
Mr. S. N. Wilson	General Service Clerk and Temporary Assistant Superintendent, Class VI, Grade II.	Officiating Assistant Superintendent, Class VI, Grade II.	29th May 1903.
Mr. E. E. Aickin	General Service Clerk, Class II.	Officiating Assistant Superintendent, Class VI, Grade II.	28th June 1903.

No. 148.—The following temporary promotions have been sanctioned, with effect from the 3rd July 1903, in consequence of Captain W. A. Tindall, Temporary Superin-

tendent, class III, grade II, and Commander of the "Patrick Stewart," going on furlough :—

Name	From	To	Sanctioning authority
Mr. B. Woodsell	Superintendent, Class IV,	Temporary Superintendent, Class III, Grade II.	Under Secretary of State, Minute dated 14th July 1903.
„ A. J. V. Palmer	Assistant Superintendent, Class V, Grade I.	Temporary Superintendent, class IV.	
„ J. T. Hopkins	Assistant Superintendent, Class VI, Grade I.	Temporary Assistant Superintendent, Class V, Grade II.	
„ J. O. Twells	General Service Clerk, Class I.	Temporary Assistant Superintendent, Class VI, Grade II.	Director-in-Chief, Indo-European Telegraph Department.

No. 149.—The following temporary promotion has been sanctioned by the Director-in-Chief, Indo-European Telegraph Department, with effect from the 19th July 1903, in consequence of Mr. J. Waitenby, Assistant Superintendent, class VI, grade II, going on furlough :—

Name	From	To
Mr. L. T. Jefferies	Officiating Assistant Superintendent, Class VI, Grade II.	Temporary Assistant Superintendent, Class VI, Grade II

A. R. KÄLBERER,

Offg. Examiner of Telegraph Accounts.

THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL, RAJPUTANA.

NOTIFICATION.

Abu, the 18th August 1903.

No. 3640.—Captain R. E. A. Hamilton, I.A., Assistant Resident, Banswara, is granted one month's privilege leave, with effect from the 20th August 1903, or such subsequent date as he may avail himself of the leave.

By order,

A. B. MINCHIN, Captain,

First Assistant to the Agent to the Governor General, Rajputana.

THE HONOURABLE THE CHIEF COMMISSIONER OF AJMER- MERWARA.

NOTIFICATION.

Camp, the 23rd August 1903.

No. 71-C-269.—Under section 12 of Act V of 1898 (the Code of Criminal Procedure), Thakur Gopal Singh of Kharwa is appointed to be an Honorary Magistrate and is invested with the powers of a Magistrate of the 3rd class to be exercised within the limits of the Istimari Estate of Kharwa in the revenue district of Ajmer.

By order,

A. B. MINCHIN, Captain,

First Assistant to the Governor-General's Agent, Rajputana,
and Chief Commissioner, Ajmer-Merwara.

RESIDENT IN MYSORE.

Catalogue of Books printed in the Civil and Military Station, Bangalore, and registered under the provisions of Act XXV of 1867 during the quarter ending 30th June 1903.

Title in full.	Language in which the book is written.	Name of the Author, Translator, or Editor of the book or any part thereof.	Subject.	Place of printing and place of publication.	Name of the printer and the name or firm of the publisher.	Date of issue from the Press or of the publication.	Number of sheets, leaves, or pages.	Size.	1st, 2nd, or other number of edition.	Number of copies of which the edition consists.	Whether printed or lithographed.	Price.	Name and residence of proprietor or any person thereof.	Date on which the copyright was registered.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
<i>In the English or other European Language.</i>															
Muntakab Geography of the Mysore Province with Glossary and Map.	Hindustani	Mr. A. M. Abdul Basith.	Descriptions of the 8 districts of the Mysore Province.	Civil and Military Station, Bangalore.	Razavi Press, Ali, Proprietor, Razavi Press.	11th May 1903.	52	Royal 16 mo.	1st edition.	500	Lithographed	Rs. 10	Mahomed Raza Ali, Narsain Pillay Street, Bangalore.	13th May 1903.	Annual Geography of the Mysore Province intended for Hindustani Schools.
Supplement to the Essay on "The Gold extending Infant," based on another version of the story.	English	Mr. R. Narain Iyengar, Retired Assistant Commissioner, Mysore Province.	The story on the Gold extending Infant and its esoteric meaning.	Ditto	Messrs. Higginbotham & Co., Bangalore.	24th April 1903.	14	8vo	Ditto	225	Printed	0 2	Mr. R. Narain Iyengar, Retired Assistant Commissioner in Mysore Province, Bangalore.	13th June 1903.	A religious publication.

The Resident's Office,

Bangalore, the 10th August 1903.

R. C. H. M. KING,
First Assistant Resident.

ADMINISTRATOR GENERAL OF BENGAL.

Notice of deaths sent to the Administrator General of Bengal under Section 64 of Act II of 1874.

Name of deceased.	Place of death.	Date of death.	By whom death reported and when.	REMARKS.
Mr. Gosham, late Assistant Manager of the Barabara Garden.	Dibrugarh	23rd June 1903	Judge of the Assam Valley Districts, 11th July 1903.	No Will. No application.
E. Wilson, late a resident of the Lalkurti Bazar, Rawal Pindi.	Rawal Pindi	12th July 1903	District Judge, Rawal Pindi, 20th July 1903.	Not known whether the deceased has left any Will or not. No application.
William Martin, late of Naini Tal.	Naini Tal	18th June 1903	District Judge, Agra, 24th July 1903.	No Will. The deceased's brother has applied for Letters of Administration.
Richard Theodore Johnson, late of Purnea.	Purnea	5th July 1903	District Judge, Purnea, 29th July 1903.	Will left. The deceased's son Mr. William Wallerton Johnson has applied for Probate.
George Edward Coles, late Superintending Engineer, 2nd Circle, Irrigation Works, Public Works Department.	Naini Tal	21st June 1903	District Judge, Agra, 30th July 1903.	Will left. Probate granted to the widow of the deceased.
Frank Reilly, late Executive Engineer, North-Western Railway, Multan.	Multan	12th June 1903	District Judge, Multan, 4th August 1903.	Will left. Mr. W. E. Mallor of Finance Department, Lahore, the Executor, has applied for Probate.
M. Madge, late of Allahabad.	Allahabad	6th February 1903	District Judge, Allahabad, 4th August 1903.	No Will. No application.
C. B. Newton, late Vice-Chairman of the District Road Cess Committee and Chairman of the Burdwan Municipality.	Darjeeling	26th July 1903	District Judge, Dinajpur, 31st July 1903.	Ditto. Ditto.

3, COUNCIL HOUSE STREET,
Calcutta, the 21st August 1903.

C. E. GREY,
Offg. Administrator General of Bengal.

NORTHERN INDIA SALT REVENUE DEPARTMENT.

NOTIFICATION.

Agra, the 11th July 1903.

No. 96.—Lala Hardayal Singh, Inspector, 1st grade, is appointed to officiate as Assistant Superintendent, 2nd grade, from the 21st August 1903, during the absence on privilege leave of Mr. F. J. Dickinson, Superintendent, or until further orders.

R. M. DANE,

Commissioner, Northern India Salt Revenue.

ROYAL INDIAN MARINE.

NOTIFICATION.

FURLOUGH AND LEAVE.

Bombay, the 20th August 1903.

No. 21.—The undermentioned officer is granted leave to proceed out of India on medical certificate, under the leave rules contained in paragraph 131, Marine Regulations, India, Volume I, Part II, the leave to have effect in India from the date of being struck off duty till the date of sailing, the specified period to count from the date of leaving India:—

Assistant Engineer F. B. Phillips for 1 year.

S. GOODRIDGE,

Director, Royal Indian Marine.

AGRA-DELHI CHORD RAILWAY.

NOTIFICATION.

Agra, dated the 25th August 1903.

No. 1.—Mr. H. Lawton, Assistant Engineer, 3rd grade, Agra-Delhi Chord Railway, passed on the 19th August 1903 the professional examination required by paragraphs 169—171 and the colloquial examination in Hindustani prescribed in paragraph 175 of Public Works Department Code, Volume I.

F. D. FOWLER,

Engineer-in-Chief.

CURRENCY NOTES.

The following Currency Note of the Allahabad Circle is stated to have been destroyed and payment of its value has been claimed by the person whose name is placed against the number; any other person claiming a right to it, is warned to communicate at once with the undersigned:—

NOTES WHOLLY LOST OR DESTROYED.

Register No.	No. of Notes.	Value.	Name of claimant.
W5 of 1903-04.	DA-22-44671	₹ 100	Parmeshwar Dyal, Clock Tower, Bara Banki.

P. G. JACOB,

Currency Officer.

PAPER CURRENCY OFFICE,

ALLAHABAD;

The 25th August 1903.

CURRENCY NOTES.

The following Currency Note of the Allahabad Circle is stated to have been destroyed and payment of its value has been claimed by the person whose name is placed against the number; any other person claiming a right to it, is warned to communicate at once with the undersigned:—

NOTES WHOLLY LOST OR DESTROYED.

Register No.	No. of Notes.	Value.	Name of claimant.
		<i>R</i>	
W-12 of 1903-04.	DA-15—68336	10	Sri Dhar Malvi, Vaccinator, Chunar Municipality, District Mirzapur.

P. G. JACOB,
Currency Officer.

PAPER CURRENCY OFFICE,
ALLAHABAD;
The 20th August 1903.

TREASURE TROVE.

NOTICE.

It is hereby notified under section 5 of the Treasure Trove Act VI of 1878, that, on or about the 18th July 1902, treasure consisting of the articles noted below, valued at Rs 123-8-0 (Rupees one hundred and twenty-three and annas eight only), was found in the wall of an old house of Golla Chendrapa in Yerraguntapalli Village, Dharmavaram Taluk, Anantapur District, by one Thimmagudu, a cooly engaged by said Chendrapa:—

DESCRIPTION OF ARTICLES.	Number of Articles.	Value.	REMARKS.
		<i>R a. p.</i>	
One pot alleged to have contained the treasure	1	...	
Whole rupees (Queen's coins) of 1843	42	42 0 0	Rupees 50 recovered in one batch and kept in a sealed bag.
Whole rupees (Queen's coins) of 1862	8	8 0 0	
Whole rupees (Queen's coins) of 1840	38	38 0 0	
Half rupees (Queen's coins) of 1840	1	0 8 0	Rupees 46-8-0 recovered in one batch and kept in a sealed bag.
Whole rupees (Queen's coins) of 1862	5	5 0 0	
Whole rupee (Queen's coin) of 1881	1	1 0 0	
Whole rupee (Queen's coin) of 1884	1	1 0 0	
Whole rupee (Queen's coin) of 1887	1	1 0 0	
Whole rupees (Queen's coins) of 1840	2	2 0 0	
Whole rupees (Queen's coins) of 1862	7	7 0 0	
Whole rupee (Queen's coin) of 1875	1	1 0 0	
Whole rupees (Queen's coins) of 1877	5	5 0 0	
Whole rupee (Queen's coin) of 1880	1	1 0 0	
Whole rupee (Queen's coin) of 1885	1	1 0 0	
Whole rupees (Queen's coins) of 1887	2	2 0 0	Rupees 27 recovered in one batch and kept in a sealed bag.
Whole rupees (Queen's coins) of 1888	2	2 0 0	
Whole rupees (Queen's coins) of 1889	2	2 0 0	
Whole rupee (Queen's coin) of 1890	1	1 0 0	
Whole rupees (Queen's coins) of 1892	2	2 0 0	
Whole rupee (Queen's coin) of 1893	1	1 0 0	
TOTAL	125	123 8 0	

2. All persons claiming the above treasure or any part thereof are hereby required to appear personally or by Agent before the Collector of Anantapur, at Anantapur, on the 18th January 1904, in view to the matter being enquired into and determined in accordance with the provisions of the Act.

M. AZIZ-UD-DIN,
Acting Collector.

COLLECTOR'S OFFICE, ANANTAPUR,
Dated 11th August 1903.

TREASURE TROVE.

NOTICE.

No. 2958.—In accordance with the provisions of Section 5 of Act VI of 1878, notice is hereby given to all whom it may concern that on the 15th day of May 1903, treasure detailed in the subjoined list, valued at Rs255-2-0, was found buried in the foundations of the house of Seth Pahlajrai Shewaram, Zemindar in Moghulbin, Taluka Jati of the Karachi District :—

List of articles referred to above.

Name of Article.		Value.		
		R	s.	p.
Rupees two hundred in coin		200	0	0
1 Nose-ring with 33 golden bells		24	0	0
1 Silver cup		11	0	0
1 Small silver plate				
2 Small silver cups				
2 Anklets weighing in all 37 tolas		47	0	0
1 Kettle		3	0	0
1 Bone Snuff box		0	2	0
		255	2	0

Persons claiming the said treasure or any part thereof are hereby required to appear personally or by agent before the Mukhtiarkar of Jati on the 24th day of November 1903, at Moghulbin, when the Mukhtiarkar will proceed to hold an enquiry in accordance with the provisions of the Act.

R. P. BARROW,
Collector.

COLLECTOR'S OFFICE ;
Karachi, the 21st August 1903.

POST OFFICE.

NOTIFICATION.

Simla, the 25th August 1903.

No. 1052-S.—*Ap.*—The following permanent appointments are made, with effect from the 1st August 1903 :—

- Mr. A. J. Wilson, sub. *pro tem.* Deputy Postmaster, Calcutta, to be confirmed in that appointment ;
- Mr. G. Chiene, sub. *pro tem.* and Assistant Postmaster, Calcutta, to be confirmed in that appointment ;
- Mr. J. E. Thomas, sub. *pro tem.* 3rd Assistant Postmaster, Calcutta, to be confirmed in that appointment.

H. M. KISCH,
Offg. Director-General of the Post Office of India.

REPORT OF DESERTION.

Report of a Deserter or Absentee (without leave from the 1st Battalion, Royal Fusiliers Regiment of Infantry, dated at Mandalay, this 22nd day of August 1903.

Number, Rank, and Name.—5478, Private George Montague.	Place of enlistment.—Aldershot, England.
Age.—31 years and 11 months.	Parish and county in which born.—St. Martins, London, Middlesex.
Height.—5 feet 5½ inches.	Date of desertion or absence.—17th August 1903.
Colour of,—Complexion, fresh; hair, brown; eyes, hazel.	Place of desertion or absence.—Mandalay.
Trade.—Saddler.	Not on furlough.
Date of enlistment.—13th June 1896.	Under eight years' service.

S. MENZIES, Major,
Commanding 1st Battalion, Royal Fusiliers.

GOVERNMENT CINCHONA FEBRIFUGE.

Cinchona Febrifuge can be purchased by all Government officers, and by any one taking six pounds and upwards at a time, from the Superintendent, Botanic Garden, Calcutta, for cash only at the following rates, *vis.* :—

	Government officers.	General public.	Postage extra.
	R.	R.	Annas.
1-pound tin	10	12	8
½ "	5	6	6
¼ "	2-8	3	4

PURE SULPHATE OF QUININE

Manufactured at the Bengal Government Cinchona Plantation.

From 1st April, 1903, the price of this Quinine will be as follows:—

1-pound tin, R16, or post-free, R16-8
½ " R8, " R8-6
¼ " R4, " R4-6

Analysis shows this Quinine to be of the purest manufacture; and it is guaranteed to be free from wilful mixture with the inferior alkaloids Cinchonine and Cinchonidine. It is for sale only to Government officers, and only for cash, and may be had from the Superintendent, Botanic Garden, Sibpur, near Calcutta.

**THE HONOURABLE THE AGENT TO THE GOVERNOR GENERAL AND
CHIEF COMMISSIONER, NORTH-WEST FRONTIER PROVINCE.**

NOTIFICATIONS.

Nathiaigalli, the 20th August 1903.

No. 520-N.—Captain H. DeC. O'Grady, I.A., Left Wing Commander of the Kurram Militia, is appointed to be Commandant of the Chitrali Scouts and assumed charge of his duties on the forenoon of 23rd July 1903.

Peshawar, the 25th August 1903.

No. 181.—Captain P. A. Browne, I.M.S., made over charge of the duties of Superintendent of the Bannu Jail to Captain L. J. M. Deas, I.M.S., on the forenoon of the 7th August 1903.

APPOINTMENTS.

Nathiaigalli, the 20th August 1903.

No. 526-N.—With reference to Notification No. 104, dated 28th May 1903, Captain T. J. Willans, I.A., is confirmed in his appointment as Adjutant of the Kurram Militia, with effect from the 9th July 1903, *vice* Captain H. DeC. O'Grady, I.A., transferred.

No. 531-N.—Lieutenant G. H. Gunning, Indian Army, whose services have been placed at the disposal of the Hon'ble the Chief Commissioner and Agent to the Governor-General, for employment as a Reserve Officer with the Frontier Militia Corps in the North-West Frontier Province, is posted to the Northern Waziristan Militia as Reserve Officer of that Corps, and assumed charge of his duties on the afternoon of the 18th July 1903.

POWERS.

Peshawar, the 29th July 1903.

No. 165-A.—Under the provisions of section 27 (b) of the Punjab Land Revenue Act, 1887, the Hon'ble the Agent to the Governor-General and Chief Commissioner, North-West Frontier Province, is pleased to confer the powers of an Assistant Collector of the 2nd grade, under Chapter IV of the said Act, on Maya Das, District Kanungo, Bannu, within the limits of the Bannu district. Such powers to be exercised subject to the control of the Collector of the district.

By order,

F. W. JOHNSTON,
Offg. Secretary to the Chief Commissioner,
N.W. F. Province.

NORTH-WEST FRONTIER PROVINCE—MEDICAL DEPARTMENT.

Weekly Return of Births and Deaths registered at the undermentioned Municipal Towns in the North-West Frontier Province during the week ending Saturday, the 1st August 1903.

Number.	Districts.	Municipal Towns.	Population according to the Census of 1901.	Births.			Deaths.			Cause of Death.								Infants under one year of age.			Ratio of deaths per 1,000 of population.	Number.	
				Males.	Females.	Total.	Total.	Males.	Females.	Cholera.	Small-pox.	Plague.	Fever.	Dysentery and Diarrhoea.	Respiratory diseases.	Injuries.	All other causes.	Males.	Females.	Total.			Ratio of births per 1,000 of population.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	Hazara	Abbottabad	3,295	2	1	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	46	1
2		Nawashahr	4,114	3	1	4	7	3	4	...	...	...	3	...	4	1	...	...	...	...	50	2
3		Bufla	7,029	1	1	2	5	3	3	...	3	3	...	2	...	...	...	...	...	...	15	3
4		Haripur	5,578	2	3	5	3	...	3	...	...	...	...	2	...	1	...	...	...	...	47	4
5	Peshawar	Peshawar	73,343	23	27	50	41	21	20	...	1	...	20	2	16	4	5	9	36	5			
6	Kohat	Kohat	18,092	1	1	2	5	4	1	...	...	...	4	...	1	...	...	...	...	6	6	
7	Bannu	Bannu	10,070	8	6	14	8	3	5	...	...	...	5	...	3	1	4	5	72	41	7	
8		Lakki	5,218	3	3	6	4	3	1	...	...	...	3	...	1	...	...	...	...	...	60	40
9	Dera Ismail Khan	Dera Ismail Khan	28,287	12	15	27	11	3	8	...	...	...	5	...	6	3	5	8	50	20	9	
10		Kulachi	9,125	3	...	3	2	1	1	1	...	...	1	...	1	...	...	...	1	1	17	11
Total			164,251	58	58	116	86	40	46	45	4	...	45	2	31	10	16	26	37	27			

Remarks by the Administrative Medical Officer, North-West Frontier Province, on the general health of the Municipal Towns during the week ending Saturday, the 1st August 1903.

Births and deaths in Municipal Towns.—In the 10 Municipal Towns, 116 births were registered (58 males and 58 females), giving a birth-rate of 37 per mille of population; 36 deaths were registered (10 males and 26 females) giving a death-rate of 27 per mille of population.

W. A. SYKES, Lt.-Col., I.M.S.,

Administrative Medical Officer, North-West Frontier Province.

Peshawar, the 19th August 1903.

NORTH-WEST FRONTIER PROVINCE--PUBLIC WORKS DEPARTMENT--IRRIGATION BRANCH.

Irrigation Operations of Fasl Kharif of 1903 up to 31st July, 1903.

CANALS.	WATER DISTRIBUTED DURING JULY, 1903.				LAND IRRIGATED (APPROXIMATE).		RAINFALL			CHIEF CROPS (APPROXIMATE).				REMARKS.
	Depth in Canal at Regulating gauge.		Gross consumption, cubic feet per second.		Zilla.	Acres.	Number of years on which average is struck.	Average.	During month.	NAME.	Area irrigated during July, 1903.	Area irrigated to end of July, 1903.	Area irrigated to end of July, 1902.	
	Authorized maximum gauge.	Actual through-out.	Authorized full supply.	Actual average through-out.										
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
MAJOR IRRIGATION WORKS.														
Swat River Canal	6'10	4'80	865	552	Peshawar	18,644	17	2'39	1'42	Sugarcane	...	4,373	3,998	Canal ran throughout the month.
Becapage	...	...	...	11						Rice	4	281	416	
										Cotton	596	2,387	2,255	
										Indigo	...	...	7	
										Maize	2,972	2,984	12,711	
										Jowar and Chari.	213	531	783	
										Miscellaneous	2,243	8,088	7,404	
TOTAL	...	...	865	563		18,644	...	...	...		6,028	19,644	27,574	

J. BENTON,
Secretary for Irrigation, N.-W. Frontier Province.

1 above the 24th August, 1903.

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**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
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Monthly Weather Review, March 1903. By W. L. Dallas (illustrated by 5 plates)
Quarto. Paper cover. R1.
Indian Meteorological Memoirs, Vol. XV, Part II. By W. L. Dallas. Price R1.

**LIST OF BOOKS PUBLISHED BY THE METEOROLOGICAL DEPARTMENT
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Monthly Weather Review of India for the months of July and August 1902. By John
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Monthly Weather Review of India for the months of September 1902 to February
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Annual Summary of the Monthly Weather Review, 1901. By John Murray, M.A.
(illustrated by 6 plates). Quarto. Paper cover. R3.

**LIST OF NEW BOOKS PUBLISHED BY THE GEOLOGICAL
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Contents and Index to Record, Volumes XXI to XXX. By the Director, Geological
Survey of India. R1.
Memoirs of the Geological Survey of India, Volume XXXIV, Part 3. By R. D.
Oldham, A.R.C.S., F.G.S. R1.
Palaeontologia Indica, Ser. IX, Volume III, Part II, No. 1. By Dr. F. L. Kitchin,
M.A., Ph.D. R2-8.



The Gazette of India.

PUBLISHED BY AUTHORITY.

CALCUTTA, SATURDAY, SEPTEMBER 5, 1903.

Separate paging is given to this Part in order that it may be filed as a separate compilation.

PART II.

Notifications by High Court, Comptroller General, etc.

GAZETTE OF INDIA.

NOTICE.

The 17th March, 1903.

From the 4th April next till further notice, Parts I, IV, V, and VI of the *Gazette of India* and the Weather and Crop Report will be published at Simla. After the 28th March all Notifications and other matter intended for publication in those Parts should be addressed to the Officiating Publisher at Simla.

Attention is invited to the following Circular Memorandum of the Government of India, Home Department, of August, 1901:—

"It has been brought to the notice of this Department that matter for the *Gazette of India* is sometimes sent to the Press late on Friday evenings for publication in the next day's Gazette, and that this involves considerable inconvenience to the Press and expense to Government. In the Circular Memorandum of this Department, No. 777-79, dated 9th February, 1870, the Government of India directed that all Notifications or other matter intended for insertion in the *Gazette of India* should be delivered at the Press not later than 2 P.M. on Friday, and that any papers sent thereafter must be certified to be extremely urgent in order to ensure their appearance in the next day's Gazette. The undersigned is directed to request that these orders may be more strictly observed in future, and that Departments will refrain from sending to the Press as extremely urgent any papers which can without harm or inconvenience be held over for the next Gazette."

J. P. HEWETT,

Secretary to the Government of India.

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W. ROSS,

Publisher, *Gazette of India*.

II A

GOVERNMENT OF INDIA.
DEPARTMENT OF REVENUE AND AGRICULTURE.

INVENTIONS and DESIGNS.

Calcutta, the 3rd September 1903.

NOTIFICATIONS.

No. 2830 P.—APPLICATIONS in respect of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act during the week ending 29th August 1903:—

- No. 358 of 1903.—Horace Gastineau Hills, manager, of The Industrial Engineering Company, Newton Iron Works, Hyde, in the county of Chester, England, and William Gibson Primrose, engineer, of the same address. *Improvements in pneumatic hammers and like percussive tools.*
- No. 359 of 1903.—Harry Dain Hinks, managing director, of James Hinks and Son, Limited, lamp manufacturers, of Nos. 91 to 96, Great Hampton street, Birmingham, England. *Improvements in lamps burning light or volatile oils.*
- No. 360 of 1903.—Robert Wighton Moncrieff, engineer, of Eakley Grange, Newport, Pagnell, Buckinghamshire, England. *An apparatus for spinning and doubling.*
- No. 361 of 1903.—Robert Wighton Moncrieff, engineer, of Eakley Grange, Newport, Pagnell, Buckinghamshire, England. *An apparatus for spinning and doubling.*
- No. 362 of 1903.—Charles Gibson, sub-conductor, Military Works Services, serving at Jalapahar, Darjeeling, India. *A machine designed to be used in conjunction with electric or other motors for pulling punkahs, and for other purposes.*
- No. 363 of 1903.—Daniel Mackinnon Hamilton, merchant, partner in the firm of Messrs. Mackinnon, Mackenzie and Company, and Donald Black, engineer, both of 16, Strand road in the town of Calcutta, British India. *Improvements in elevators for discharging or loading coal or other cargo in bulk from the holds of vessels and similar purposes.*
- No. 364 of 1903.—William Thompson, mining engineer, of 1 and 2, Great Winchester street, London, England, and Thomas Samuel Hughes, engineer, of 51, Artesian road, Bayswater, London, England. *Improvements in hand trucks or trolleys.*
- No. 365 of 1903.—Herman Charles Woltereck, consulting chemist, of 3, Edinburgh mansions, Howick place, Victoria street, London, England. *A process for the production of ammonia by synthesis.*
- No. 366 of 1903.—James Price Cleghorn, consulting engineer, at present residing at No. 2, Peara Bagan road, Ballygunge, in Calcutta, British India. *A new or improved process of preserving meat, fowl, fish and other substances, and apparatus therefor.*
- No. 367 of 1903.—Thomas Macalpine, consulting and research chemist, of Chiswick, in the county of Middlesex. *Improvements in refining mineral or petroleum oils.*

No. 2831 P.—SPECIFICATIONS of the under-mentioned inventions have been filed, under the provisions of the Inventions and Designs Act of 1888, in the office of the Secretary appointed under that Act, and copies have been sent to the Governments of Madras, Bombay, and Burma, and the Director of the Department of Land Records and Agriculture, United Provinces of Agra and Oudh. These and other specifications are open to public inspection, from 11 A.M. to 3 P.M., at the Secretary's office (Imperial Secretariat, Government Place, West, Calcutta), on payment of a fee of one rupee, and a certified copy of any one of them will be supplied on payment of the fixed expenses of copying:—

- No. 401 of 1902.—James Geoffrie Musgrave O'Hara, executive engineer, State Railways, Saharanpur, British India. *A lock for the doors of railway wagons or other similar doors.* (Specification filed 26 August 1903.)

- No. 38 of 1903.—Thomas Alva Edison, inventor, a citizen of the United States, residing at Llewellyn park, Orange, Essex county, state of New Jersey, United States of America. *Improvements in storage batteries.* (Specification filed 26 August 1903.)
- No. 39 of 1903.—Nelson Hiss, gentleman, of 27, Washington square, New York city, New York state, United States of America. *Improvements in or relating to traction machinery or apparatus.* (Specification filed 21 August 1903.)
- No. 41 of 1903.—Jabez Lones and Edward Holden, manufacturers, trading as Lones, Vernon and Holden, of Sandwell Iron and Axle works, Smethwick, in the county of Stafford, England, and Joseph Lones, analytical, metallurgical and consulting chemist, of No. 93, Regent street, Smethwick, aforesaid. *New or improved processes or combination of processes for the manufacture of a white pigment from zinc and for utilising residual products obtained during the conducting of the said processes or combination of processes.* (Specification filed 21 August 1903.)
- No. 42 of 1903.—Arthur Herachmann, engineer, of 61, Broadway, New York, United States of America. *Improvements in motor propelled road vehicles.* (Specification filed 21 August 1903.)
- No. 137 of 1903.—Levi Zeigler Leiter, capitalist, of Dupont circle, in the city of Washington, district of Columbia, United States of America. *Improvements in coking ovens.* (Specification filed 21 August 1903.)
- No. 206 of 1903.—William Henry Wolff, M.I.C.E., resident engineer, Bombay, Baroda and Central India Railway, at present residing at Broach, Guzerat in British India. *Improvements in keys for permanent way chairs.* (Specification filed 21 August 1903.)
- No. 227 of 1903.—Roland Hayes Gahagan, of Messrs. Geo. Gahagan and Company, engineers, 271, Bellasis road, Byculla, Bombay. *An improved method of securing and fixing in position curved flooring and roofing plates.* (Specification filed 24 August 1903.)
- No. 264 of 1903.—Ernest Augustus Collyer, gentleman, of 45, Clarendon road, Lewisham, London, England. *Improvements in or relating to machines for scutching and decorticating fibrous plants, stems or leaves such as rhea or ramie, hemp, agave, or the like.* (Specification filed 21 August 1903.)
- No. 291 of 1903.—Balfour Fraser McTear, engineer, of Brook cottage, Rainhill, in the county of Lancaster, England, and Henry Cecil William Gibson, managing director, of 20, Bucklersbury, London, E.C., England. *Improvements in and connected with piercing and forging machinery for the manufacture of tubes or tubular articles.* (Specification filed 26 August 1903.)

No. 2832 P.—THE fees prescribed in the fourth schedule to the Inventions and Designs Act of 1888 have been paid for the continuance of exclusive privilege in respect of the under-mentioned inventions for the periods shown against each:—

- No. 491 of 1897.—Charles Robert Walter Filmer. *A street stand post for use in connection with the water supplies of cities and towns.* (From 4 July 1903 to 4 July 1904.)
- No. 31 of 1899.—Charles Henry Stearn. *Improvements in the manufacture and production of a filamentary material and fabrics therefrom.* (From 30 August 1903 to 30 August 1904.)
- No. 32 of 1899.—Charles Henry Stearn. *Improvements in the manufacture and production of a material in film, sheet, or web form.* (From 30 August 1903 to 30 August 1904.)
- No. 87 of 1899.—Peter Donaldson. *An improved water flush.* (From 12 August 1903 to 12 August 1904.)
- No. 392 of 1899.—Cornelius Vanderbilt (junior). *Improvements in locomotive boilers.* (From 28 September 1904 to 28 September 1905.)

No. 2833 P.—WHEREAS the inventors of the under-mentioned inventions have respectively failed to pay, within the time limited in that behalf by the fourth schedule to the Inventions and Designs Act of 1888, the fees hereinafter respectively mentioned, it is hereby notified that under the provisions of section 8, sub-section (2), of the said Act the exclusive

privilege of making, selling, and using the said inventions in British India, and of authorising others so to do, has ceased:—

No. 175 of 1898.—James Shearer. *A method of improving the colour of raw jute fibre.* (Specification filed 22 May 1899.)

No. 178 of 1898.—Charles O'Brien and James Shearer. *A process for improving the colour of jute fibre.* (Specification filed 22 May 1899.)

No. 319 of 1898.—Peter Smith Swan. *An improved hydraulic pressure motor for pulling punkahs.* (Specification filed 23 May 1899.)

No. 397 of 1898.—Edward Candish Millard. *Improvements in or relating to tea kettles, and such like vessels.* (Specification filed 22 May 1899.)

No. 453 of 1898.—William Robert Browne. *Improvements in oil vaporisers for oil engines, and other purposes.* (Specification filed 22 May 1899.)

No. 89 of 1899.—Joseph Morewood Dowsett. *Improvements in the fastenings of fishplates of railways and tramways.* (Specification filed 23 May 1899.)

Fee in respect of the continuance of an exclusive privilege—

4 (a) After the filing of the specification and before the expiration of the fourth year from the date of the filing thereof—

The sum of Rs 50 for each of the above inventions.

No. 465 of 1897.—Herbert Edward Rooke. *Improvements in a combined sleeper and chair for railways.* (Specification filed 23 May 1898.)

Fee in respect of the continuance of an exclusive privilege—

4 (b) After the expiration of the fourth year and before the expiration of the fifth year from the date of the filing of the specification—

The sum of Rs 50 for the above invention.

No. 428 of 1896.—John Poyser. *Improvements in battens for weaving looms.* (Specification filed 21 May 1897.)

Fee in respect of the continuance of an exclusive privilege—

4 (c) After the expiration of the fifth year and before the expiration of the sixth year from the date of filing of the specification—

The sum of Rs 50 for the above invention.

NOTICES.

All communications relating to Act V (the Inventions and Designs Act) of 1888 should be addressed to the "Secretary to the Government of India, Department of Revenue and Agriculture (PATENTS BRANCH), CALCUTTA."

The Office of the Secretary under the Inventions and Designs Act, 1888, will in future be open for the transaction of business from 11 A.M. to 3 P.M. on all days, except Sundays and gazetted holidays.

The Government of India are advised that, as trade marks are not "designs" within the meaning of the Act, they cannot be registered under Part II.

The fees payable under the fourth and sixth schedules are now collected in cash, and applicants are warned that they must be responsible for any delay in cashing cheques.

Cheques and money orders will only be accepted if made payable at Calcutta to the Secretary under the Inventions and Designs Act.

Copies of the weekly notifications, and of the quarterly lists, of applications and specifications filed in the Secretary's office are now on sale to the public at one anna and eight annas a copy respectively.

Attention is requested to the rules made by the Government on the 10th October 1895 in regard to the preparation of applications, specifications, and drawings.

All applications made under the Inventions and Designs Act, V of 1888, will from this date (December 19th, 1896) lie in the visitor's room of the Patents Office for ten days from the date of the *Gazette of India* in which their filing may have been notified: or, if the tenth day is a holiday, till the evening of the office day next following.

At the time of delivering or sending an application for leave to file a specification the applicant shall cause a duplicate copy of the application to be delivered or sent therewith to the Secretary.

J. MACFARLANE,

Secretary under the Inventions and
Designs Act, 1886.

DEPARTMENT OF ISSUE OF PAPER CURRENCY.

Calcutta, the 3rd September 1903.

Abstract of the accounts of the Department of Issue of Paper Currency on the
31st August 1903.

	TOTAL AMOUNT OF NOTES IN CIRCULATION.			RESERVE IN COIN AND BULLION.				
	In Reserve Treasuries.	Elsewhere.	TOTAL.	Silver Coin.	Gold Coin and Bullion.	Gold held in England under Act VIII of 1900.	Silver held as Security for Notes under Act VIII of 1900.	TOTAL.
	₹	₹	₹	₹	₹	₹	₹	₹
Calcutta	1,80,10,000	12,65,36,535	14,45,66,535	5,40,70,287	7,20,75,020	...	...	12,61,45,317
Allahabad . . . . .	...	2,29,87,420	2,29,87,420	1,10,05,866	2,60,002	...	...	1,12,65,868
Lahore . . . . .	...	3,04,89,440	3,04,89,440	67,03,055	8,56,440	...	...	75,59,495
Bombay	1,66,21,640	9,14,00,690	11,10,22,330	2,07,30,452	6,28,90,297	...	...	8,36,20,749
Karachi . . . . .	...	1,24,87,845	1,24,87,845	22,34,135	14,81,685	...	...	38,15,820
Madras	24,51,475	3,58,31,340	3,82,82,815	84,18,270	1,27,41,780	...	...	2,11,60,050
Calicut . . . . .	...	21,79,260	21,79,260	13,13,440	60,885	...	...	13,74,325
Rangoon . . . . .	...	1,49,75,830	1,49,75,830	2,13,13,435	7,37,070	...	...	2,20,50,505
	4,00,82,115	33,60,08,260	37,60,91,475					
<i>Deduct</i> —Withdrawn from circulation by Foreign Circles and in course of remittance to Circles of Issue			Nil.					
TOTAL ₹			37,60,91,475	12,58,88,040	15,11,07,589	...	...	27,69,91,529
<i>Deduct</i> —Amount due on Bills drawn by one circle on another								Nil.
NET TOTAL ₹								27,69,91,529
Price paid for Government Securities of the nominal value of ₹10,20,81,300 held under Section 19 of the Indian Paper Currency Act, XX of 1882								2,02,02,046
GRAND TOTAL ₹								37,60,91,475

O. T. BARROW,

Offg. Head Commissioner of Paper Currency.